Yellow / Project completeness

114 additional project profiles

Bangel is the language; MJos is the operating system. The MJos Predictive Model retains its distinct project identity. Elsa is the compiler, JP admission is independent, and Joanna handles admitted execution and processing.

These papers reconcile recovered source definitions, historical discussions and expressly requested profiles. Source status and proposed language contracts remain explicit. Gold and Indigo follow recovered overview rules; they are new reconstructions. White papers are excluded.

This local review edition does not establish deployed software, validated physical performance or clinical capability. Original private chat transcripts are not included.

Elsa Compiler - Visual and measurement blueprints

MJPE-COMPLETE-20260925-ELSA-COMPILER-YELLOW | Source-backed documentary sequence — execution not rerun

Elsa Compiler / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SourceText: UTF-8 Bangel source
-> GrammarProfile: explicit version
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Parse source, resolve names and modules, check types, units and effects, then lower accepted syntax to the declared JP representation. Preserve source spans and precise diagnostics on refusal.

OUTPUT BLOCK

Return typed JP-IR or a compile refusal. Compilation does not admit execution or grant MJ permission.

MEASUREMENT LABELS

- SourceText: UTF-8 Bangel source
- GrammarProfile: explicit version
- Effects: declared closed set
- CompileResult: JP-IR or source-spanned diagnostic

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

An unresolved name, incompatible unit or prohibited recursion must yield its contract diagnostic rather than usable admitted IR.

DISCOVERY NAMES

Elsa/1; ELSA-SEMANTICS
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Current source inspected; these documentary bindings do not report newly executed software or physical tests.
Recovered status: implementation_source.
Use only the exact named source scope; a documentary sequence is not deployment or an authority grant.

SOURCE REFERENCES

- language/python/src/bangel/compiler.py · line 59
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/language/python/src/bangel/compiler.py#L59
- specs/roles/ROLE-CONTRACT-RECONCILIATION.md · line 14
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/specs/roles/ROLE-CONTRACT-RECONCILIATION.md#L14
- Recovered nonwhite collection, page 1375
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1375

RECOVERED HISTORICAL CONTEXT

- Historical scope: Compiles Bangel source and checks its meaning before producing the typed representation consumed by JP and Joanna.

SOURCE REFERENCES

language/python/src/bangel/compiler.py · line 59

specs/roles/ROLE-CONTRACT-RECONCILIATION.md · line 14

Recovered nonwhite collection, page 1375

JP Representation - Visual and measurement blueprints

MJPE-COMPLETE-20260925-JP-REPRESENTATION-YELLOW | Source-backed documentary sequence — execution not rerun

JP Representation / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> RepresentationProfile: JP-IR/1 or separately named profile
-> CanonicalBytes: exact serialization
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Independently check the closed envelope, canonical digest, types, cross-field relationships and resource limits. Keep JP-IR/1, JP-CIR and proposed architecture profiles separate.

OUTPUT BLOCK

Return admission evidence for the exact representation. A digest match establishes identity, not semantic admission or permission.

MEASUREMENT LABELS

- RepresentationProfile: JP-IR/1 or separately named profile
- CanonicalBytes: exact serialization
- SourceDigest: SHA-256
- AdmissionResult: accepted or rejected with reason

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Recompute a digest after mutating an authority, type or effects field; inconsistent content must still fail independent admission.

DISCOVERY NAMES

JP; JP-IR/1; JP-CANON
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Current source inspected; these documentary bindings do not report newly executed software or physical tests.
Recovered status: implementation_source_and_distinct_proposals.

Do not flatten older domain-specific JP compiler roles or JP-CIR/architecture profiles into the general representation contract.

SOURCE REFERENCES

- specs/roles/ROLE-CONTRACT-RECONCILIATION.md · line 15
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/specs/roles/ROLE-CONTRACT-RECONCILIATION.md#L15
- Recovered nonwhite collection, page 1302
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1302
- Recovered nonwhite collection, page 1376
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1376

RECOVERED HISTORICAL CONTEXT

- Historical scope: Typed representation, admission and validation boundary between language compilation and runtime execution.

SOURCE REFERENCES

specs/roles/ROLE-CONTRACT-RECONCILIATION.md · line 15

Recovered nonwhite collection, page 1302

Recovered nonwhite collection, page 1376

Joanna Processing - Visual and measurement blueprints

MJPE-COMPLETE-20260925-JOANNA-RUNTIME-YELLOW | Source-backed documentary sequence — execution not rerun

Joanna Processing / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> AdmittedIR: independently verified JP
-> RuntimeBudget: bounded resource declaration
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Execute bounded Joanna operations while preserving typed unknowns, stage evidence and runtime-limit failures.

OUTPUT BLOCK

Return a digest-bound computation receipt with its actual status. HOLD stays visible even when a command exits successfully; the receipt is not action permission.

MEASUREMENT LABELS

- AdmittedIR: independently verified JP
- RuntimeBudget: bounded resource declaration
- InputBinding: typed values and source roots
- Receipt: actual status and execution identity

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

An exhausted budget, missing measurement or unadmitted representation must not become an unrestricted successful effect.

DISCOVERY NAMES

Joanna/1; Joanna-Receipt/1; Joanna Processing; Joanna compilation processing
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Current source inspected; these documentary bindings do not report newly executed software or physical tests.
Recovered status: implementation_source.
Use only the exact named source scope; a documentary sequence is not deployment or an authority grant.

SOURCE REFERENCES

- language/python/src/bangel/runtime.py · line 28
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/language/python/src/bangel/runtime.py#L28
- specs/roles/ROLE-CONTRACT-RECONCILIATION.md · line 16
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/specs/roles/ROLE-CONTRACT-RECONCILIATION.md#L16
- language/python/src/bangel/identity.py · line 14
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/language/python/src/bangel/identity.py#L14

RECOVERED HISTORICAL CONTEXT

- Historical scope: Executes admitted Bangel programs and records outcomes and reconciliation evidence.

SOURCE REFERENCES

language/python/src/bangel/runtime.py · line 28

specs/roles/ROLE-CONTRACT-RECONCILIATION.md · line 16

language/python/src/bangel/identity.py · line 14

JO Proof and Verification - Visual and measurement blueprints

MJPE-COMPLETE-20260925-JO-PROOF-YELLOW | Source-backed documentary sequence — execution not rerun

JO Proof and Verification / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ProofScope: named historical contract
-> TypedCAPO: exact representation identity
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Compare evidence with that precise assertion and retain its source-profile meaning. Link runtime lineage to Joanna without equating every historical JO proof role with current execution.

OUTPUT BLOCK

Return a scoped verification record, HOLD for missing evidence or DENY for a failed permission boundary.

MEASUREMENT LABELS

- ProofScope: named historical contract
- TypedCAPO: exact representation identity
- EvidenceSet: assertion-bound artifacts
- VerificationReceipt: result and unresolved prerequisites

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A receipt for a different formula or profile must not satisfy this obligation without an explicit verified mapping.

DISCOVERY NAMES

JO; JO-RUNTIME; JO_PROOF_RECEIPT
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_historical_reference.
Do not state that every JO verification meaning is identical to Joanna execution.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1304
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1304
- Recovered nonwhite collection, page 7062
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=7062
- Recovered nonwhite collection, page 1378
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1378

SOURCE REFERENCES

Recovered nonwhite collection, page 1304

Recovered nonwhite collection, page 7062

Recovered nonwhite collection, page 1378

MJ Governing Root - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJ-GOVERNING-ROOT-YELLOW | Source-backed documentary sequence — execution not rerun

MJ Governing Root / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Purpose: declared governing scope
-> EvidencePacket: participant receipts
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Reconcile participant results and resource bounds at the MJ boundary. Preserve refusals and missing prerequisites; umbrella metadata does not implement a root kernel, CAPO bus or lease ledger.

OUTPUT BLOCK

Record the bounded decision supported by the implemented profile, or HOLD the proposed host behavior while its contract remains incomplete.

MEASUREMENT LABELS

- Purpose: declared governing scope
- EvidencePacket: participant receipts
- ResourceLease: bounded proposed allocation
- Decision: scoped permit, hold or deny

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Without the applicable lease or final admission evidence, a participant PASS must not substitute for MJ admission.

DISCOVERY NAMES

MJ root; MJ.23.R2.ACT
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_profile_partial_integration.

The metadata alone does not establish a completed root kernel, CAPO bus or lease ledger.

SOURCE REFERENCES

- specs/roles/ROLE-CONTRACT-RECONCILIATION.md · line 17
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/specs/roles/ROLE-CONTRACT-RECONCILIATION.md#L17
- Recovered nonwhite collection, page 1299
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1299

RECOVERED HISTORICAL CONTEXT

- Historical scope: Governs whether an independently validated action may proceed; prediction does not grant execution authority.

SOURCE REFERENCES

specs/roles/ROLE-CONTRACT-RECONCILIATION.md · line 17

Recovered nonwhite collection, page 1299

Bangel Robotics - Visual and measurement blueprints

Bangel Robotics / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Observation: value or UNKNOWN with unit
-> AcquisitionTime: timestamp and clock domain
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Express bounded measurement logic in Bangel; Elsa compiles, JP admission checks the representation and Joanna provides computation evidence. Distinguish observed state, simulation and planned hardware bindings.

OUTPUT BLOCK

Return a measurement or advisory with uncertainty. Physical actuation requires a separate evidenced host contract.

MEASUREMENT LABELS

- Observation: value or UNKNOWN with unit
- AcquisitionTime: timestamp and clock domain
- RobotContext: declared coordinate frame
- Advisory: result, uncertainty and effect boundary

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A missing observation or changed coordinate frame without a transform must remain a typed error or HOLD.

DISCOVERY NAMES

Bangel Robotics Programming Language
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Current source inspected; these documentary bindings do not report newly executed software or physical tests.
Recovered status: implementation_source_domain_identity.
Software calculations and receipts do not establish a physical robot or actuation backend.

SOURCE REFERENCES

- README.md · line 1
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/README.md#L1
- language/python/src/bangel/identity.py · line 6
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/language/python/src/bangel/identity.py#L6

RECOVERED HISTORICAL CONTEXT

- Historical scope: Applies the measurement language to robotics examples with explicit PASS, HOLD and missing-measurement behavior.

SOURCE REFERENCES

README.md · line 1

language/python/src/bangel/identity.py · line 6

Teal Robotics - Visual and measurement blueprints

Teal Robotics / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Proposal: preserved shadow-control schema
-> MinorityRisk: PMOS-MINORITY-GATE/1 input
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Apply the preserved Bangel risk source and near-miss templates through Elsa, independent JP admission and Joanna. Keep source hashes, thresholds and independent vetoes explicit.

OUTPUT BLOCK

Return the bounded proposal gate result. No continuous-time control-barrier proof, physical actuation or live-trading capability is inferred.

MEASUREMENT LABELS

- Proposal: preserved shadow-control schema
- MinorityRisk: PMOS-MINORITY-GATE/1 input
- IndependentReview: separately bound verdict
- GateOutcome: PASS, HOLD or DENY

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A known near miss or absent independent review must not be bypassed by an attractive forecast.

DISCOVERY NAMES

Teal Robotics Verified Control Barrier Function; PMOS-MINORITY-GATE/1
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Current source inspected; these documentary bindings do not report newly executed software or physical tests.
Recovered status: implementation_source.
The manifest explicitly says no completed independent family runtime, no continuous-time CBF proof, no live trading and no physical actuation.

SOURCE REFERENCES

- plugins/mj_predictive/src/mj_predictive/_teal/PLUGIN.json · line 1
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/plugins/mj_predictive/src/mj_predictive/_teal/PLUGIN.json#L1

SOURCE REFERENCES

plugins/mj_predictive/src/mj_predictive/_teal/PLUGIN.json · line 1

Bangel Native SDK - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-NATIVE-SDK-YELLOW | Source-backed documentary sequence — execution not rerun

Bangel Native SDK / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SourceText: filename and Bangel content
-> CompilerInterface: IElsaCompiler
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Use the syntax, semantics, Elsa compiler, admission, Joanna runtime and numerics boundaries; bind results to the actual package and source revision.

OUTPUT BLOCK

Return typed diagnostics or an admitted computation receipt. Documentation alone does not establish a fresh .NET build or cross-host parity.

MEASUREMENT LABELS

- SourceText: filename and Bangel content
- CompilerInterface: IElsaCompiler
- CompilationResult: typed IR or diagnostic
- ManagedReceipt: source-bound Joanna result

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Compile an incompatible-unit example and inspect its diagnostic; establish native execution only with fresh package hashes and results.

DISCOVERY NAMES

Bangel.Sdk; Bangel for C# and .NET
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Current source inspected; these documentary bindings do not report newly executed software or physical tests.
Recovered status: implementation_source.

Use only the exact named source scope; a documentary sequence is not deployment or an authority grant.

SOURCE REFERENCES

- language/dotnet/README.md · line 7
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/language/dotnet/README.md#L7

RECOVERED HISTORICAL CONTEXT

- Historical scope: Managed compiler/runtime integration, SDK, command-line tools and a bounded C# translation surface.

SOURCE REFERENCES

language/dotnet/README.md · line 7

Bangel API - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-API-YELLOW | Source-backed documentary sequence — execution not rerun

Bangel API / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Protocol: BANGEL-API/1
-> Request: closed operation envelope
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Validate the closed request schema, retain exact compiler/runtime protocol identities and return the relevant source-bound result. Host access and transport policy remain separate.

OUTPUT BLOCK

Return a typed response or rejection; interface discovery does not establish a public production service.

MEASUREMENT LABELS

- Protocol: BANGEL-API/1
- Request: closed operation envelope
- ProgramIdentity: source digest
- Response: typed result or diagnostic

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Reject unknown protocols and extra fields rather than silently treating them as compatible current requests.

DISCOVERY NAMES

BANGEL-API/1
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Current source inspected; these documentary bindings do not report newly executed software or physical tests.
Recovered status: implementation_source.
Use only the exact named source scope; a documentary sequence is not deployment or an authority grant.

SOURCE REFERENCES

- language/python/src/bangel/identity.py · line 11
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/language/python/src/bangel/identity.py#L11

SOURCE REFERENCES

language/python/src/bangel/identity.py · line 11

MJPS Thermodynamics - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-THERMOELECTRIC-YELLOW | Source-backed documentary sequence — execution not rerun

MJPS Thermodynamics / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Profile: Bangel 0.1 MJPS
-> Temperature: expected, anticipated or delivered
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Apply the profile's steady thermoelectric calculations and proposal logic, preserving unknown temperatures, calibration evidence and its separate IR/receipt contract.

OUTPUT BLOCK

Return a simulation proposal or HOLD with physical and authority effects NONE. This does not establish a physical controller or the full general-language grammar.

MEASUREMENT LABELS

- Profile: Bangel 0.1 MJPS
- Temperature: expected, anticipated or delivered
- Calibration: verified or unverified
- ProposalReceipt: PASS_PROPOSAL or HOLD

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Unknown temperature and unverified calibration must remain HOLD rather than physical control commands.

DISCOVERY NAMES

MJPS; Bangel Measurement Reference; Bangel Thermoelectric Reference; MJPS thermodynamic
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Current source inspected; these documentary bindings do not report newly executed software or physical tests.
Recovered status: implementation_source.
No physical controller, board backend or actuation is established.

SOURCE REFERENCES

- components/thermoelectric-reference/README.md · line 1
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/components/thermoelectric-reference/README.md#L1
- components/thermoelectric-reference/README.md · line 31
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/components/thermoelectric-reference/README.md#L31

RECOVERED HISTORICAL CONTEXT

- Historical scope: Package-native thermoelectric simulation combining Seebeck harvesting, Peltier heat pumping, uncertainty and bounded thermal/electrical optimization.
- Historical 0.2 package; physical effect and authority effect remained NONE, global JP acceptance MERGE_CANDIDATE, and bench/HIL/field gates remained held.
- Historical evidence has not been rerun in this discovery pass.

SEPARATE HISTORICAL CONTRACT OUTLINE

- ThermalBoundary — module and operating conditions
- ThermoelectricModel — Seebeck/Peltier parameters
- UncertaintyEnvelope — bounded temperature and model inputs
- SimulationReceipt — result, assumptions and effect ceiling

IF

A thermoelectric module is evaluated under declared thermal and electrical conditions.

HOW

Apply the documented package formulas and uncertainty bounds, keeping steady and transient coverage distinct.

THEN

Return the bounded simulation result and retain the separate hardware-validation requirements.
This historical outline is separate from the current-source contract above. It does not establish native integration or newly executed results.

SOURCE REFERENCES

components/thermoelectric-reference/README.md · line 1

components/thermoelectric-reference/README.md · line 31

MJmri MRI Imaging - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJMRI-YELLOW | Source-backed documentary sequence — execution not rerun

MJmri MRI Imaging / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ResearchCase: source identity and evidence class
-> Quantity: semantic unit and uncertainty
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve MRI measurement and DICOM interoperability obligations. Treat domain forms as research contracts until Elsa integration, representation generation and Joanna processing are demonstrated.

OUTPUT BLOCK

Return a documentary case or bounded research proposal, preserving unknowns and implementation gaps. No diagnosis, patient release or MRI hardware control is created.

MEASUREMENT LABELS

- ResearchCase: source identity and evidence class
- Quantity: semantic unit and uncertainty
- Profile: authored MJMRI version
- ClinicalUse: false

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Camera-derived images and unexecuted fixtures must not be promoted to genuine MR acquisition or clinical evidence.

DISCOVERY NAMES

MJmri; JP-IR/MJMRI-1; MJMRI; MJmri MRI imaging
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

An authored research contract or fixture is recovered. Native implementation and execution remain separate obligations.
Recovered status: authored_candidate.
Non-clinical research only; recovered authored fixtures do not establish native execution or patient use.

SOURCE REFERENCES

- specs/recovered/BANGEL-0.1-MJMRI-NATIVE-PROFILE.md · line 1
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/specs/recovered/BANGEL-0.1-MJMRI-NATIVE-PROFILE.md#L1
- docs/history/b01/BANGEL-PROFILE-AUDIT.md · line 7
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/docs/history/b01/BANGEL-PROFILE-AUDIT.md#L7

RECOVERED HISTORICAL CONTEXT

- Historical scope: Named domain family included in the shared MJPS and Drum Sequencer registry.
- Historical scope: Mobile MRI access, representation, DICOM/FHIR interoperability and research reconstruction lineage. Cumulative 0.3 optical/mobile package was authored/reference work; native toolchain/device execution and clinical validation remained pending.
- Native JP compiler runs were explicitly zero at B02–B10; current Elsa/profile reconciliation remains unresolved.
- Phone optical pixels, inferred surface geometry, synthetic anatomy priors and genuine MR evidence remain distinct.
- B21–B25 continuation was requested but no resulting implementation was recovered.

SOURCE REFERENCES

specs/recovered/BANGEL-0.1-MJMRI-NATIVE-PROFILE.md · line 1

docs/history/b01/BANGEL-PROFILE-AUDIT.md · line 7

MJMRI Optical Research - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJMRI-OPTICAL-YELLOW | Source-backed documentary sequence — execution not rerun

MJMRI Optical Research / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> OpticalFrame: pixels and acquisition metadata
-> EvidenceClass: optical, inferred surface, synthetic prior or MR
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Retain original pixels, label transformations and distinguish inferred surface geometry, synthetic anatomy priors and genuine MR evidence. Abstain beyond the input's evidence class.

OUTPUT BLOCK

Return a labeled optical or surface-research artifact, without claiming unseen anatomy, MR signal or a clinical result.

MEASUREMENT LABELS

- OpticalFrame: pixels and acquisition metadata
- EvidenceClass: optical, inferred surface, synthetic prior or MR
- Transform: disclosed source-preserving operation
- Output: non-clinical research representation

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A synthetic optical fixture must retain its class rather than being relabeled as acquired MR.

DISCOVERY NAMES

MJMRI Mobile Optical Research
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

An authored research contract or fixture is recovered. Native implementation and execution remain separate obligations.
Recovered status: authored_candidate.
Use only the exact named source scope; a documentary sequence is not deployment or an authority grant.

SOURCE REFERENCES

- specs/recovered/BANGEL-0.1-MJMRI-MOBILE-OPTICAL-RESEARCH-PROFILE.md · line 1
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/specs/recovered/BANGEL-0.1-MJMRI-MOBILE-OPTICAL-RESEARCH-PROFILE.md#L1

SOURCE REFERENCES

specs/recovered/BANGEL-0.1-MJMRI-MOBILE-OPTICAL-RESEARCH-PROFILE.md · line 1

Cubix - Visual and measurement blueprints

Cubix / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SourceRoot: image identity
-> PixelBounds: validated interval
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Bind cell/node points to the same source root, validate bounds and preserve multiresolution lineage without extending observation below validated resolution.

OUTPUT BLOCK

Return a rooted external-scene cell or HOLD invalid lineage or bounds. The cell does not identify unseen tissue.

MEASUREMENT LABELS

- SourceRoot: image identity
- PixelBounds: validated interval
- GridIndex: multiresolution cell
- CellLineage: parent and source references

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A changed source root or out-of-bounds cell must not be accepted as the same observed scene.

DISCOVERY NAMES

MJMRI-CUBIX-GRID/1
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

An authored research contract or fixture is recovered. Native implementation and execution remain separate obligations.
Recovered status: authored_contract.
Use only the exact named source scope; a documentary sequence is not deployment or an authority grant.

SOURCE REFERENCES

- specs/recovered/BANGEL-0.1-MJMRI-MOBILE-OPTICAL-RESEARCH-PROFILE.md · line 22
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/specs/recovered/BANGEL-0.1-MJMRI-MOBILE-OPTICAL-RESEARCH-PROFILE.md#L22

SOURCE REFERENCES

specs/recovered/BANGEL-0.1-MJMRI-MOBILE-OPTICAL-RESEARCH-PROFILE.md · line 22

MJ Memory Kernel Adapters - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJ-MEMORY-KERNEL-YELLOW | Source-backed documentary sequence — execution not rerun

MJ Memory Kernel Adapters / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Namespace: bound memory context
-> Generation: monotonic identifier
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Apply Bangel transition/access rules through Elsa, independent JP admission and Joanna; bind stored evidence to checkpoints, retain prior generations and assess updates using held-out evidence.

OUTPUT BLOCK

Return a lifecycle receipt or non-installing update assessment. No stage is skipped, old ID reused or model automatically installed.

MEASUREMENT LABELS

- Namespace: bound memory context
- Generation: monotonic identifier
- Lifecycle: QUIESCE, SEAL, CHECKPOINT, DETACH, RECLAIM
- Checkpoint: canonical source-bound hash

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Reject reclaim before a valid checkpoint and checkpoints from another namespace without deleting retained records.

DISCOVERY NAMES

Self-healing kernel adapter; MJ-Memory-Update/0.1.0
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Current source inspected; these documentary bindings do not report newly executed software or physical tests.
Recovered status: implementation_source.
Not a bootable operating-system kernel or automatic model installer.

SOURCE REFERENCES

- plugins/mj_memory_recall/docs/KERNEL.md · line 1
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/plugins/mj_memory_recall/docs/KERNEL.md#L1
- plugins/mj_memory_recall/docs/KERNEL.md · line 19
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/plugins/mj_memory_recall/docs/KERNEL.md#L19

SOURCE REFERENCES

plugins/mj_memory_recall/docs/KERNEL.md · line 1

plugins/mj_memory_recall/docs/KERNEL.md · line 19

MJ Football Playbook - Visual and measurement blueprints

MJ Football Playbook / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SelectionId: original playbook identity
-> SchematicFrame: declared bounds
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Compare bounded episodic candidates and project source-backed geometry, preserving entity/relationship/context conflicts, curves and observation chronology.

OUTPUT BLOCK

Return a physics-play analysis projection with its evidence or HOLD a context mismatch. Similarity is not calibrated probability or coaching approval.

MEASUREMENT LABELS

- SelectionId: original playbook identity
- SchematicFrame: declared bounds
- CurveGeometry: source points and curves
- RecallResult: candidate, similarity and uncertainty

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Another coordinate frame or a later-unavailable observation must not enter the current recall decision.

DISCOVERY NAMES

MJ-Playbook-Projection/0.1.0
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Current source inspected; these documentary bindings do not report newly executed software or physical tests.
Recovered status: implementation_source.
Use only the exact named source scope; a documentary sequence is not deployment or an authority grant.

SOURCE REFERENCES

- plugins/mj_memory_recall/README.md · line 1
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/plugins/mj_memory_recall/README.md#L1
- plugins/mj_memory_recall/README.md · line 53
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/plugins/mj_memory_recall/README.md#L53

RECOVERED HISTORICAL CONTEXT

- Historical scope: Maps football playbook geometry and actor paths into comparative prediction and neural node-space overlays.

SOURCE REFERENCES

plugins/mj_memory_recall/README.md · line 1

plugins/mj_memory_recall/README.md · line 53

MJ EGO REV - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJ-EGO-REV-YELLOW | Source-backed documentary sequence — execution not rerun

MJ EGO REV / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> EnergyEntry: source class and joules or UNKNOWN
-> BatteryState: initial, capacity and grid energy
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Follow indexed Bangel energy-ledger and transition rules, preserve missing quantities and append source-bound receipts. Native/Bangel equivalence requires separate evidence.

OUTPUT BLOCK

Return a bounded energy or transition outcome; a source index does not demonstrate a physical energy device.

MEASUREMENT LABELS

- EnergyEntry: source class and joules or UNKNOWN
- BatteryState: initial, capacity and grid energy
- ThermalState: initial and captured energy
- AuditRecord: prior root, payload and root

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Missing energy and forbidden transitions must stay held or rejected rather than being balanced with invented zeroes.

DISCOVERY NAMES

MJ-EGO-REV; Ego.Core
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

The later Teal library indexes named source modules and hashes. Discovery does not establish a fresh build, full integration or physical validation.
Recovered status: source_index_recovered.
Full associated source and fresh native execution were not recovered in this inventory pass.

SOURCE REFERENCES

- Later Teal source index, page 974
https://drive.google.com/file/d/1JytulokwWY5yHnSqcajL_oQQ_jJQEoAx/view#page=974
- Later Teal source index, page 977
https://drive.google.com/file/d/1JytulokwWY5yHnSqcajL_oQQ_jJQEoAx/view#page=977
- Later Teal source index, page 978
https://drive.google.com/file/d/1JytulokwWY5yHnSqcajL_oQQ_jJQEoAx/view#page=978
- Later Teal source index, page 979
https://drive.google.com/file/d/1JytulokwWY5yHnSqcajL_oQQ_jJQEoAx/view#page=979

RECOVERED HISTORICAL CONTEXT

- Historical scope: Vehicle-energy modeling and audit project with Bangel and C# implementation lineage.

SOURCE REFERENCES

Later Teal source index, page 974

Later Teal source index, page 977

Later Teal source index, page 978

Later Teal source index, page 979

MJos Quantum Security - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJOS-QUANTUM-SECURITY-YELLOW | Source-backed documentary sequence — execution not rerun

MJos Quantum Security / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> NoisePacket: source and observed bytes
-> EntropyHealth: declared bounded tests
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Keep entropy health, risk policy, key lifecycle and receipts as distinct indexed components. Separate simulated input, validated external bits and hardware claims.

OUTPUT BLOCK

Return a documentary protection outcome or hold. Indexed source does not establish measured quantum entropy, certified cryptography or a production guarantee.

MEASUREMENT LABELS

- NoisePacket: source and observed bytes
- EntropyHealth: declared bounded tests
- RiskSignals: authentication, traffic and integrity
- KeyEvent: provision, rotation or compromise

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Malformed noise evidence or a compromise signal must not become an unsupported safe-key claim.

DISCOVERY NAMES

mjos_qs; Quantum Security
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

The later Teal library indexes named source modules and hashes. Discovery does not establish a fresh build, full integration or physical validation.
Recovered status: source_index_recovered.

Index evidence does not establish current cryptographic assurance, hardware certification or quantum security.

SOURCE REFERENCES

- Later Teal source index, page 998
https://drive.google.com/file/d/1JytulokwWY5yHnSqcajL_oQQ_jJQEoAx/view#page=998
- Later Teal source index, page 1000
https://drive.google.com/file/d/1JytulokwWY5yHnSqcajL_oQQ_jJQEoAx/view#page=1000
- Later Teal source index, page 1003
https://drive.google.com/file/d/1JytulokwWY5yHnSqcajL_oQQ_jJQEoAx/view#page=1003
- Later Teal source index, page 1006
https://drive.google.com/file/d/1JytulokwWY5yHnSqcajL_oQQ_jJQEoAx/view#page=1006
- Later Teal source index, page 1007
https://drive.google.com/file/d/1JytulokwWY5yHnSqcajL_oQQ_jJQEoAx/view#page=1007

RECOVERED HISTORICAL CONTEXT

- Historical scope: Governed security architecture linking cryptographic migration, artifact integrity, entropy governance, bounded recovery and evidence receipts.

SOURCE REFERENCES

Later Teal source index, page 998

Later Teal source index, page 1000

Later Teal source index, page 1003

Later Teal source index, page 1006

Later Teal source index, page 1007

Mika / MK Physics - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MIKA-PHYSICS-YELLOW | Source-backed documentary sequence — execution not rerun

Mika / MK Physics / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Quantity: value, unit and uncertainty
-> ControlVolume: declared boundary
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Classify applicable physics, check dimensional compatibility and conservation boundaries, and carry uncertainty into the representation. Keep not-applicable distinct from a passed physical test.

OUTPUT BLOCK

Return a scoped physics representation or unresolved requirement. A valid equation is not a measured physical result.

MEASUREMENT LABELS

- Quantity: value, unit and uncertainty
- ControlVolume: declared boundary
- ScaleProfile: explicit scale
- PhysicsReceipt: applicable, not-applicable or HOLD

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Incompatible units or a missing control volume must produce a refusal or HOLD before physical interpretation.

DISCOVERY NAMES

Mika; MK; MK-PHYSICS
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference.
Documented domain role does not establish a currently deployed standalone engine.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1303
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1303

SOURCE REFERENCES

Recovered nonwhite collection, page 1303

Angels Safety - Visual and measurement blueprints

Angels Safety / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Domain: bounded safety scope
-> Telemetry: source and timestamp
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Evaluate domain-specific observation and corrective rules; preserve independent hold/denial decisions and evidence for proposed correction.

OUTPUT BLOCK

Return a safety receipt. A correction request does not create execution permission or expand the Angel's domain.

MEASUREMENT LABELS

- Domain: bounded safety scope
- Telemetry: source and timestamp
- SafetyRule: explicit trigger
- Receipt: observe, hold, deny, isolate or correct

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Stale telemetry or an out-of-domain command must not become safety PASS merely because no fault was detected.

DISCOVERY NAMES

ANGELS; ANGELS-SAFETY
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference.
Documented domain role does not establish a currently deployed standalone engine.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1306
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1306

SOURCE REFERENCES

Recovered nonwhite collection, page 1306

Bellatrix Defense - Visual and measurement blueprints

Bellatrix Defense / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Intake: exact source and digest
-> Challenge: bounded hostile-deviation check
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Inspect integrity, schema, replay and scope evidence using the applicable contract; preserve independent challenge and quarantine outcomes without changing evidence truth.

OUTPUT BLOCK

Return defense or quarantine evidence. Defense success grants neither general admission nor financial authority.

MEASUREMENT LABELS

- Intake: exact source and digest
- Challenge: bounded hostile-deviation check
- Posture: verified, unknown or failed
- QuarantineRecord: reason and scope

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Replay consumed evidence or alter a digest; preserve the rejection/quarantine reason.

DISCOVERY NAMES

BELLATRIX
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference.
Documented domain role does not establish a currently deployed standalone engine.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1307
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1307
- specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md · line 402
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md#L402

RECOVERED HISTORICAL CONTEXT

- Historical scope: Defense and admission boundary that checks whether a proposed action is safe and permitted before execution.

SOURCE REFERENCES

Recovered nonwhite collection, page 1307

specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md · line 402

Sister Prediction and Containment - Visual and measurement blueprints

MJPE-COMPLETE-20260925-SISTER-YELLOW | Source-backed documentary sequence — execution not rerun

Sister Prediction and Containment / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> StateStream: observations and clocks
-> Forecast: source-bound advisory
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Model demand and anomalies, preserve predictive/simulation classes and propose buffers under the named profile. Keep pending GIN amendment implementation status explicit.

OUTPUT BLOCK

Return forecast, reserve or containment evidence; HOLD missing or stale bindings. Simulation does not become observation or authorized physical containment.

MEASUREMENT LABELS

- StateStream: observations and clocks
- Forecast: source-bound advisory
- ReserveRequest: bounded capacity
- Binding: primary Sister and declared failover

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Removing the primary binding must hold downstream use until the declared failover supplies valid evidence.

DISCOVERY NAMES

SISTER; SISTER-CONTAINMENT
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference.

Documented domain role does not establish a currently deployed standalone engine.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1308
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1308
- specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md · line 402
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md#L402

SOURCE REFERENCES

Recovered nonwhite collection, page 1308

specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md · line 402

EVE Variance and Egress - Visual and measurement blueprints

MJPE-COMPLETE-20260925-EVE-YELLOW | Source-backed documentary sequence — execution not rerun

EVE Variance and Egress / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Boundary: declared control surface
-> FlowObservation: intake, capture and egress
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Account for variance and residuals with units and uncertainty; preserve unmeasured loss as unknown instead of silently closing the balance.

OUTPUT BLOCK

Return an observation/egress ledger or HOLD incomplete evidence. A residual does not prove its physical cause.

MEASUREMENT LABELS

- Boundary: declared control surface
- FlowObservation: intake, capture and egress
- Residual: measured or UNKNOWN with unit
- VarianceLedger: source-bound differences

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

An omitted egress measurement must remain missing rather than disappearing from the balance.

DISCOVERY NAMES

EVE; EVE-SCREEN
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference.
Documented domain role does not establish a currently deployed standalone engine.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1309
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1309

SOURCE REFERENCES

Recovered nonwhite collection, page 1309

Mary / M3 Routing - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MARY-M3-YELLOW | Source-backed documentary sequence — execution not rerun

Mary / M3 Routing / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> AdmittedRequest: exact scope
-> MJLease: bounded allocation
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Route the request and account for use, pooling and returns within the lease; mediate peer handoffs through the applicable admission boundary.

OUTPUT BLOCK

Return routing/allocation evidence or HOLD unavailable capacity. M3 cannot mint resources, widen leases or bypass denial.

MEASUREMENT LABELS

- AdmittedRequest: exact scope
- MJLease: bounded allocation
- CapacityEvidence: available resources
- ReturnReceipt: used and unused amounts

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Reject or bound a request exceeding its lease, and refuse expired lease reuse.

DISCOVERY NAMES

M3; Mary
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference.
Documented domain role does not establish a currently deployed standalone engine.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1310
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1310

SOURCE REFERENCES

Recovered nonwhite collection, page 1310

Mermaid Reconciliation - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MERMAID-YELLOW | Source-backed documentary sequence — execution not rerun

Mermaid Reconciliation / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> CustodyReference: acquired evidence identity
-> AccountEntry: typed amount and source
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve balances, custody lineage and reconciliation history; assess financial implications only within Mermaid's own boundary without redefining measurement mathematics.

OUTPUT BLOCK

Return a scoped account or reconciliation record with disputes visible. It does not execute a transfer or issue a product permit.

MEASUREMENT LABELS

- CustodyReference: acquired evidence identity
- AccountEntry: typed amount and source
- ReconciliationState: explicit disposition
- Statement: source-bound period

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

An unexplained difference or unbound custody reference must remain exposed rather than being erased.

DISCOVERY NAMES

MERMAID; MERMAID-RECON
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference.

Documented domain role does not establish a currently deployed standalone engine.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1311
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1311
- specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md · line 402
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md#L402

RECOVERED HISTORICAL CONTEXT

- Historical scope: Expresses financial meaning, claims, obligations, valuation and admission within the Bangel ecosystem.

SOURCE REFERENCES

Recovered nonwhite collection, page 1311

specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md · line 402

Shiva Capital Models - Visual and measurement blueprints

MJPE-COMPLETE-20260925-SHIVA-YELLOW | Source-backed documentary sequence — execution not rerun

Shiva Capital Models / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> CapitalPurpose: stated objective
-> MermaidAccount: reconciled reference
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Separate stability, investment and risk classifications; preserve reconciliation and independent reviews, treating distributions as model outputs.

OUTPUT BLOCK

Return a bounded internal proposal or HOLD. No live transfer, market operation or external financial permission is created.

MEASUREMENT LABELS

- CapitalPurpose: stated objective
- MermaidAccount: reconciled reference
- LiquidityRequirement: explicit bound
- CapitalProposal: non-executing distribution plan

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

An unreconciled account or absent liquidity requirement must not produce an executable distribution.

DISCOVERY NAMES

SHIVA
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference.
Documented domain role does not establish a currently deployed standalone engine.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1312
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1312

SOURCE REFERENCES

Recovered nonwhite collection, page 1312

Shekina Continuity - Visual and measurement blueprints

MJPE-COMPLETE-20260925-SHEKINA-YELLOW | Source-backed documentary sequence — execution not rerun

Shekina Continuity / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> PlacementRequest: artifact and scope
-> Lease: bounded resources
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Model bounded placement, replication and failover with source/target receipts. Preserve tenant boundaries and distinguish plans from observed recovery.

OUTPUT BLOCK

Return placement/continuity evidence or HOLD unavailable targets. Infrastructure location does not confer authority.

MEASUREMENT LABELS

- PlacementRequest: artifact and scope
- Lease: bounded resources
- ReplicaSet: versioned identities
- FailoverPlan: declared source and target

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Cross-scope replication or failover to an unadmitted target must not expand the original lease.

DISCOVERY NAMES

SHEKINA; SHEKINA-CONTINUITY
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference.
Documented domain role does not establish a currently deployed standalone engine.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1313
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1313
- specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md · line 402
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md#L402

RECOVERED HISTORICAL CONTEXT

- Historical scope: Distributed and cloud continuity component in the historical ecosystem architecture.

SOURCE REFERENCES

Recovered nonwhite collection, page 1313

specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md · line 402

Belle Engineering - Visual and measurement blueprints

Belle Engineering / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> DesignCAPO: source architecture
-> PhysicsReceipt: applicable constraints
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Review topology, assumptions and alternatives against the constraints; bind proposals to evidence and leave unsupported dimensions unresolved.

OUTPUT BLOCK

Return an engineering proposal and risk note. Feasibility review does not prove physical performance or authorize manufacture.

MEASUREMENT LABELS

- DesignCAPO: source architecture
- PhysicsReceipt: applicable constraints
- Criterion: measurable feasibility requirement
- Proposal: alternative, assumptions and risk

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A missing material or scale assumption must remain a recorded uncertainty rather than an invented design value.

DISCOVERY NAMES

BELLE
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference.
Documented domain role does not establish a currently deployed standalone engine.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1314
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1314

SOURCE REFERENCES

Recovered nonwhite collection, page 1314

Aviator Workspace - Visual and measurement blueprints

MJPE-COMPLETE-20260925-AVIATOR-YELLOW | Source-backed documentary sequence — execution not rerun

Aviator Workspace / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Workspace: tenant and scope
-> MemberRole: explicit capability
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve decisions, knowledge references and role boundaries. Present evidence without turning measurements into ranking, punishment or financial permission.

OUTPUT BLOCK

Return a bounded workspace/decision record or DENY an out-of-scope operation. Organizational context does not replace root authority.

MEASUREMENT LABELS

- Workspace: tenant and scope
- MemberRole: explicit capability
- ProjectRecord: source-bound state
- DecisionRecord: author and evidence

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A valid local role must not authorize another tenant's project.

DISCOVERY NAMES

AVIATOR; AVIATOR-WORKSPACE
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference.

Documented domain role does not establish a currently deployed standalone engine.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1317
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1317
- specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md · line 402
https://github.com/Mjos23/bangel-language/blob/229548f13a4856455b3d30d408cf845fb5b557fc/specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md#L402

RECOVERED HISTORICAL CONTEXT

- Historical scope: Workspace for building applications and interacting with the Bangel toolchain and governed artifacts.

SOURCE REFERENCES

Recovered nonwhite collection, page 1317

specs/roles/GIN-M001-BANGEL-IDENTITY-EDITION.md · line 402

CHI Temporal Variance - Visual and measurement blueprints

CHI Temporal Variance / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ExpectedState: source and time
-> ObservedState: acquisition evidence
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve clocks, missing states and source-specific difference semantics; keep CHI distinct from GIN until an explicit verified mapping exists.

OUTPUT BLOCK

Return temporal variance or HOLD incomparable states. Variance determines neither price nor execution permission.

MEASUREMENT LABELS

- ExpectedState: source and time
- ObservedState: acquisition evidence
- DeliveredState: separate event
- Variance: typed difference and reconciliation

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Incompatible clocks or a missing observation must not be represented as zero variance.

DISCOVERY NAMES

CHI
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference.
Do not automatically equate historical CHI with GIN; this pass recovered related temporal roles but no verified identity

migration.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1318
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1318

SOURCE REFERENCES

Recovered nonwhite collection, page 1318

WATER Uncertainty - Visual and measurement blueprints

WATER Uncertainty / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Interval: lower/upper and unit
-> VerifiedFloor: source-backed bound
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Apply interval and unknown-state rules with their source bounds; distinguish this family from Hagar control and the water-protection application.

OUTPUT BLOCK

Return a scoped uncertainty class or HOLD. Classification grants neither authority nor financial value.

MEASUREMENT LABELS

- Interval: lower/upper and unit
- VerifiedFloor: source-backed bound
- EvidenceLimit: known or unknown
- ClassificationProfile: named rule

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Reversed interval bounds or missing required floors must reject or hold classification.

DISCOVERY NAMES

WATER
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference.
The WATER uncertainty family is not automatically identical to Hagar water-process control or the separate water protection

product.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1319
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1319

SOURCE REFERENCES

Recovered nonwhite collection, page 1319

JP Semiconductor Phone - Visual and measurement blueprints

MJPE-COMPLETE-20260925-JP-SEMICONDUCTOR-PHONE-YELLOW | Source-backed documentary sequence — execution not rerun

JP Semiconductor Phone / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ScaleProfile: semiconductor dimensions
-> Intake: observed or simulated
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Represent static intake and solar-assist relationships; check units and reserve accounting without importing large-scale parameters.

OUTPUT BLOCK

Return a design trace and missing measurement requirements. No physical phone, proven capacity or operating device is established.

MEASUREMENT LABELS

- ScaleProfile: semiconductor dimensions
- Intake: observed or simulated
- WakeReserve: energy and time
- BatteryState: charge and thermal evidence

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A marine parameter without a validated scale map must be flagged rather than reused.

DISCOVERY NAMES

JP-SC-PHONE; JP Semiconductor Phone Battery and OS Candidate
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_planned_only_no_physical_article.

PLANNED_ONLY_NO_PHYSICAL_ARTICLE

SOURCE REFERENCES

- Recovered nonwhite collection, page 1380
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1380

SOURCE REFERENCES

Recovered nonwhite collection, page 1380

JP Marine Power - Visual and measurement blueprints

MJPE-COMPLETE-20260925-JP-MARINE-POWER-YELLOW | Source-backed documentary sequence — execution not rerun

JP Marine Power / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> MarineProfile: vessel context
-> IntakeStorage: typed energy model
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Model relationships within the marine profile, keeping classification, environment, loads and absent physical measurements unresolved.

OUTPUT BLOCK

Return a marine design proposal, not vessel-operation or demonstrated propulsion evidence.

MEASUREMENT LABELS

- MarineProfile: vessel context
- IntakeStorage: typed energy model
- PowerBus: conversion path
- Containment: declared boundary

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Missing vessel/load context must not be filled by a phone or generic solar profile.

DISCOVERY NAMES

JP-LS-BOAT; JP Large-Scale Boating Power Candidate
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_planned_only_unclassified.
PLANNED_ONLY_UNCLASSIFIED

SOURCE REFERENCES

- Recovered nonwhite collection, page 1381
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1381

SOURCE REFERENCES

Recovered nonwhite collection, page 1381

JP Peaceful Propulsion - Visual and measurement blueprints

JP Peaceful Propulsion / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ResearchPurpose: peaceful scope
-> PropulsionState: reference-only
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Document bounded measurement/control requirements and independent safety evidence while retaining planned-only status.

OUTPUT BLOCK

Return a research design record on hold; no launch, ignition, hardware operation or physical performance is established.

MEASUREMENT LABELS

- ResearchPurpose: peaceful scope
- PropulsionState: reference-only
- EnergyBoundary: typed quantities
- PhysicalStatus: active safety hold

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A simulation result must not be promoted to a hardware command.

DISCOVERY NAMES

JP-PEACEFUL-PROPULSION; JP Peaceful High-Energy Propulsion Research Candidate
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_planned_only_safety_hold.
PLANNED_ONLY_SAFETY_HOLD

SOURCE REFERENCES

- Recovered nonwhite collection, page 1382
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1382

SOURCE REFERENCES

Recovered nonwhite collection, page 1382

Shiva Dual Rails - Visual and measurement blueprints

MJPE-COMPLETE-20260925-SHIVA-RAILS-YELLOW | Source-backed documentary sequence — execution not rerun

Shiva Dual Rails / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> StabilityRail: liquidity scope
-> InvestmentRail: risk scope
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Keep liquidity-first constraints, risk models and rail accounting distinct; preserve exposure and reconciliation per source.

OUTPUT BLOCK

Return an internal financial-rail model or HOLD; external operations remain disabled.

MEASUREMENT LABELS

- StabilityRail: liquidity scope
- InvestmentRail: risk scope
- AccountReference: Mermaid record
- ExternalState: disabled

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

An investment scenario must not silently consume a protected stability reserve.

DISCOVERY NAMES

SHIVA-RAILS; Shiva Dual Financial Rails
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_internal_model_external_disabled.
INTERNAL_MODEL_EXTERNAL_DISABLED

SOURCE REFERENCES

- Recovered nonwhite collection, page 1387
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1387

SOURCE REFERENCES

Recovered nonwhite collection, page 1387

SHIVAS Internal Reflection - Visual and measurement blueprints

SHIVAS Internal Reflection / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ReflectionId: immutable identity
-> CapitalReference: internal source
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Record the reference and reconciliation history without minting an external asset, redemption promise or guaranteed value.

OUTPUT BLOCK

Return a nontransferable internal reflection record, with no public offer or monetary-value assertion.

MEASUREMENT LABELS

- ReflectionId: immutable identity
- CapitalReference: internal source
- Transferability: false
- MonetaryValue: none asserted

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

External redemption or a guaranteed market price must be rejected as an unsupported interpretation.

DISCOVERY NAMES

SHIVAS-INTERNAL; SHIVAS Internal Settlement Reflection
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_nontransferable_no_monetary_value.
NONTRANSFERABLE_NO_MONETARY_VALUE

SOURCE REFERENCES

- Recovered nonwhite collection, page 1388
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1388

SOURCE REFERENCES

Recovered nonwhite collection, page 1388

Shiva Exchange Reference - Visual and measurement blueprints

MJPE-COMPLETE-20260925-SHIVA-EXCHANGE-YELLOW | Source-backed documentary sequence — execution not rerun

Shiva Exchange Reference / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SimulationOrder: bounded fixture
-> PriceTimeRule: declared model
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Model the stated rule while preserving chronological order, custody references and unresolved authority obligations.

OUTPUT BLOCK

Return simulation evidence, not a live market, executed trade or transferable asset.

MEASUREMENT LABELS

- SimulationOrder: bounded fixture
- PriceTimeRule: declared model
- CustodyReference: source or synthetic
- MarketState: simulation only

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A matched simulation order must not be reported as a completed real transfer.

DISCOVERY NAMES

SHIVA-EXCHANGE; Shiva Exchange Rule Reference
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_internal_simulation_only.
INTERNAL_SIMULATION_ONLY

SOURCE REFERENCES

- Recovered nonwhite collection, page 1390
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1390

SOURCE REFERENCES

Recovered nonwhite collection, page 1390

Elsa Marketplace Reference - Visual and measurement blueprints

MJPE-COMPLETE-20260925-ELSA-MARKETPLACE-YELLOW | Source-backed documentary sequence — execution not rerun

Elsa Marketplace Reference / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Listing: declared semantic purpose
-> Workflow: bounded stages
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Coordinate semantic, workflow and evidence relationships without giving the listing operational authority. Elsa remains the sole compiler identity.

OUTPUT BLOCK

Return an internal marketplace reference with unresolved stages visible; no live market is inferred.

MEASUREMENT LABELS

- Listing: declared semantic purpose
- Workflow: bounded stages
- AccountingReference: scoped record
- ResourceEvidence: route and capacity

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

An ambiguous listing or missing custody reference must remain held rather than actionable.

DISCOVERY NAMES

ELSA-MARKETPLACE; Elsa Governed Marketplace Reference
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_internal_reference_only.
INTERNAL_REFERENCE_ONLY

SOURCE REFERENCES

- Recovered nonwhite collection, page 1394
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1394

SOURCE REFERENCES

Recovered nonwhite collection, page 1394

Bangel Spreadsheets - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-SPREADSHEETS-YELLOW | Source-backed documentary sequence — execution not rerun

Bangel Spreadsheets / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Cell: typed measurement or UNKNOWN
-> Revision: immutable workbook identity
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve immutable revisions, deterministic recalculation, concurrency checks and audit evidence; keep Pearl simulation partitions distinct from measured cells.

OUTPUT BLOCK

Return a new revision with recalculation evidence, or reject/hold a conflict. Results do not authorize external effects.

MEASUREMENT LABELS

- Cell: typed measurement or UNKNOWN
- Revision: immutable workbook identity
- DependencyGraph: declared edges
- RecalculationReceipt: exact input/output revisions

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A stale revision or incompatible unit must not overwrite prior work or coerce missing values to zero.

DISCOVERY NAMES

Bangel-SPREADSHEETS; Bangel Spreadsheets
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference_mvp_prepasskey.
REFERENCE_MVP_PREPASSKEY

SOURCE REFERENCES

- Recovered nonwhite collection, page 1397
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1397

SOURCE REFERENCES

Recovered nonwhite collection, page 1397

JPOSMJ Portfolio - Visual and measurement blueprints

JPOSMJ Portfolio / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ProductOrigin: JP source identity
-> PhysicsReview: MK applicability
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Collect separate reviews into a portfolio envelope, retaining product-specific evidence and unresolved admission gates.

OUTPUT BLOCK

Return a product evidence envelope. Inclusion does not transfer another product's proof or permit.

MEASUREMENT LABELS

- ProductOrigin: JP source identity
- PhysicsReview: MK applicability
- Verification: JO evidence
- PermitClass: bounded MJ status

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

An unrelated product receipt must not close the target's requirement without verified equivalence.

DISCOVERY NAMES

JPOSMJ-PORTFOLIO; JPOSMJ Product Portfolio Envelope
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_prepasskey_portfolio_envelope.
PREPASSKEY_PORTFOLIO_ENVELOPE

SOURCE REFERENCES

- Recovered nonwhite collection, page 1398
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1398

SOURCE REFERENCES

Recovered nonwhite collection, page 1398

MJ Standard Containment - Visual and measurement blueprints

MJPE-COMPLETE-20260925-STANDARD-CONTAINMENT-YELLOW | Source-backed documentary sequence — execution not rerun

MJ Standard Containment / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Geometry: normalized rectangle/cone profile
-> Scale: declared with physical values held
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Calculate source-backed geometry relationships while separating measured dimensions and gas behavior from normalized reference shapes.

OUTPUT BLOCK

Return a geometry reference and required measurements; absent physical values remain held.

MEASUREMENT LABELS

- Geometry: normalized rectangle/cone profile
- Scale: declared with physical values held
- ReferenceGas: named model
- Boundary: Sister, EVE and reservoir

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Normalized dimensions must not be treated as fabricated hardware dimensions without scale evidence.

DISCOVERY NAMES

STANDARD-CONTAINMENT-GEOMETRY; MJ Standard Containment Geometry and Reference Gas Model
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference_mvp_physical_values_hold.
REFERENCE_MVP_PHYSICAL_VALUES_HOLD

SOURCE REFERENCES

- Recovered nonwhite collection, page 1399
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1399

SOURCE REFERENCES

Recovered nonwhite collection, page 1399

MJ Reservoir Collection - Visual and measurement blueprints

MJPE-COMPLETE-20260925-RESERVOIR-COLLECTION-YELLOW | Source-backed documentary sequence — execution not rerun

MJ Reservoir Collection / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ReservoirState: bounded volume or energy
-> Outlet: exterior boundary
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Track loop and return relationships using units, uncertainty and applicable containment, egress, safety, routing and accounting evidence.

OUTPUT BLOCK

Return a reference balance or HOLD missing measurements; a logical loop is not a demonstrated physical circulation device.

MEASUREMENT LABELS

- ReservoirState: bounded volume or energy
- Outlet: exterior boundary
- Reentry: declared geometry
- Balance: observed, simulated or unknown

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

An omitted outlet or residual must remain unknown rather than silently creating a self-balancing system.

DISCOVERY NAMES

RESERVOIR-COLLECTION-MODULATION; MJ Reservoir Collection, Lake Buffer, and Spiral-Compatible Re-entry
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference_mvp_physical_values_hold.
REFERENCE_MVP_PHYSICAL_VALUES_HOLD

SOURCE REFERENCES

- Recovered nonwhite collection, page 1400
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1400

SOURCE REFERENCES

Recovered nonwhite collection, page 1400

MJos Solar Core - Visual and measurement blueprints

MJPE-COMPLETE-20260925-SOLAR-CORE-YELLOW | Source-backed documentary sequence — execution not rerun

MJos Solar Core / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SolarIntake: energy and source
-> Storage: bounded state
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Apply shared energy-accounting relationships while retaining each application's independent geometry, environment and verification needs.

OUTPUT BLOCK

Return a shared-core design trace and evidence gaps; one profile's calculation does not validate the others.

MEASUREMENT LABELS

- SolarIntake: energy and source
- Storage: bounded state
- LoadProfile: phone, marine or spacecraft
- Reserve: explicit protected minimum

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A phone thermal limit must not be applied to a marine or spacecraft profile without evidence.

DISCOVERY NAMES

MJOS-SOLAR-CORE-001; MJOS Solar Shared-Core Architecture
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_design_trace_specification_frozen_physical_hold.
DESIGN_TRACE_SPECIFICATION_FROZEN_PHYSICAL_HOLD

SOURCE REFERENCES

- Recovered nonwhite collection, page 1401
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1401

SOURCE REFERENCES

Recovered nonwhite collection, page 1401

MJos Solar Phone - Visual and measurement blueprints

MJPE-COMPLETE-20260925-SOLAR-PHONE-YELLOW | Source-backed documentary sequence — execution not rerun

MJos Solar Phone / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> PhoneLoad: workload context
-> SolarAssist: observed or assumed
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Coordinate intake, storage and workload within the semiconductor profile using typed energy accounting and explicit uncertainty.

OUTPUT BLOCK

Return a planned power trace, not a demonstrated battery-life claim or physical phone.

MEASUREMENT LABELS

- PhoneLoad: workload context
- SolarAssist: observed or assumed
- BatteryThermal: source-bound temperature
- WakeReserve: bounded energy

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Missing temperature or acquisition provenance must hold unsupported thermal/reserve conclusions.

DISCOVERY NAMES

MJOS-SOLAR-SEMI-PHONE-001; MJOS Solar Semiconductor Phone Battery and OS Profile
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_design_trace_specification_frozen_planned_only_no_physical_article.
DESIGN_TRACE_SPECIFICATION_FROZEN_PLANNED_ONLY_NO_PHYSICAL_ARTICLE

SOURCE REFERENCES

- Recovered nonwhite collection, page 1402
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1402

SOURCE REFERENCES

Recovered nonwhite collection, page 1402

MJos Solar Marine - Visual and measurement blueprints

MJPE-COMPLETE-20260925-SOLAR-MARINE-YELLOW | Source-backed documentary sequence — execution not rerun

MJos Solar Marine / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> MarineLoad: propulsion and critical loads
-> SolarStorage: intake and state
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Model conversion/recovery and state transitions with vessel-specific telemetry and reserve requirements.

OUTPUT BLOCK

Return an unclassified design trace or HOLD; no operating vessel, certification or physical efficiency is established.

MEASUREMENT LABELS

- MarineLoad: propulsion and critical loads
- SolarStorage: intake and state
- ConversionRecovery: explicit path
- ReserveProtection: source-bound limits

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Ordinary demand must not silently consume a protected critical reserve.

DISCOVERY NAMES

MJOS-SOLAR-MARINE-001; MJOS Solar-Assisted Marine Power and Propulsion Profile
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_design_trace_specification_frozen_unclassified_no_physical_article.
DESIGN_TRACE_SPECIFICATION_FROZEN_UNCLASSIFIED_NO_PHYSICAL_ARTICLE

SOURCE REFERENCES

- Recovered nonwhite collection, page 1403
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1403

SOURCE REFERENCES

Recovered nonwhite collection, page 1403

MJos Solar Spacecraft - Visual and measurement blueprints

MJPE-COMPLETE-20260925-SOLAR-SPACECRAFT-YELLOW | Source-backed documentary sequence — execution not rerun

MJos Solar Spacecraft / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> MissionProfile: peaceful research
-> AvionicsReserve: bounded energy
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Document solar-assisted avionics, telemetry and fault-isolation relationships without converting them into launch or propulsion commands.

OUTPUT BLOCK

Return a peaceful research trace with safety holds preserved.

MEASUREMENT LABELS

- MissionProfile: peaceful research
- AvionicsReserve: bounded energy
- PropulsionState: coordination only
- FaultState: explicit emergency boundary

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A successful reserve simulation must not be presented as launch approval.

DISCOVERY NAMES

MJOS-SOLAR-ROCKET-001; MJOS Peaceful Solar-Assisted Rocket/Spacecraft Power and OS Profile
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_design_trace_specification_frozen_peaceful_research_only_safety_hold.
DESIGN_TRACE_SPECIFICATION_FROZEN_PEACEFUL_RESEARCH_ONLY_SAFETY_HOLD

SOURCE REFERENCES

- Recovered nonwhite collection, page 1404
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1404

SOURCE REFERENCES

Recovered nonwhite collection, page 1404

DRO Collection - Visual and measurement blueprints

MJPE-COMPLETE-20260925-DRO-COLLECTION-YELLOW | Source-backed documentary sequence — execution not rerun

DRO Collection / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> DRORecord: element or variance identity
-> Quantity: value, unit and uncertainty
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve typed measurement, lineage and conservation; distinguish collection observations from Pearl simulation and computational retention.

OUTPUT BLOCK

Return a DRO reference record or HOLD missing evidence; no physical collection hardware is established.

MEASUREMENT LABELS

- DRORecord: element or variance identity
- Quantity: value, unit and uncertainty
- Scale: named profile
- Lineage: collection and conservation references

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A Pearl simulation value must not be promoted to an observed DRO measurement.

DISCOVERY NAMES

DRO-COLLECTION-001; DRO Discrete Retention and Element-Collection Reference System
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference_candidate_simulation_and_measurement_only.
REFERENCE_CANDIDATE_SIMULATION_AND_MEASUREMENT_ONLY

SOURCE REFERENCES

- Recovered nonwhite collection, page 1405
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1405

SOURCE REFERENCES

Recovered nonwhite collection, page 1405

DRO–Pearl Handoff - Visual and measurement blueprints

DRO–Pearl Handoff / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> DROSource: typed record
-> PearlNode: computational partition
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Allocate within capacity, retain the original measurement or simulation class and bind both sides to a receipt.

OUTPUT BLOCK

Return a computational handoff record; information retention does not become physical containment.

MEASUREMENT LABELS

- DROSource: typed record
- PearlNode: computational partition
- Capacity: typed allocation bound
- Receipt: source, target and retained lineage

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Capacity excess or lost source identity must reject/hold rather than silently truncate the transfer.

DISCOVERY NAMES

DRO-PEARL-HANDOFF-001; DRO-to-Pearl Computational Node Handoff
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_simulation_and_information_retention_only.
SIMULATION_AND_INFORMATION_RETENTION_ONLY

SOURCE REFERENCES

- Recovered nonwhite collection, page 1406
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1406

SOURCE REFERENCES

Recovered nonwhite collection, page 1406

DRO Start and Reserve - Visual and measurement blueprints

MJPE-COMPLETE-20260925-DRO-START-RESERVE-YELLOW | Source-backed documentary sequence — execution not rerun

DRO Start and Reserve / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> EnergySource: classified reference
-> StartEnergy: amount or UNKNOWN
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Represent source, start and restart accounting with explicit permit gates and unresolved physical measurements.

OUTPUT BLOCK

Return a non-operational energy reference on active hold; no ignition hardware is authorized.

MEASUREMENT LABELS

- EnergySource: classified reference
- StartEnergy: amount or UNKNOWN
- RestartReserve: protected bound
- OperationState: non-operational hold

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Adequate simulated start energy without verified reserve and separate permission must retain the hold.

DISCOVERY NAMES

DRO-IGNITION-REFERENCE-001; DRO Start-Energy and Restart-Reserve Reference System
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_non_operational_reference_active_hold.
NON_OPERATIONAL_REFERENCE_ACTIVE_HOLD

SOURCE REFERENCES

- Recovered nonwhite collection, page 1407
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1407

SOURCE REFERENCES

Recovered nonwhite collection, page 1407

Lecanto Image Truth - Visual and measurement blueprints

MJPE-COMPLETE-20260925-LECANTO-IMAGE-TRUTH-YELLOW | Source-backed documentary sequence — execution not rerun

Lecanto Image Truth / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ImageSource: digest and metadata
-> SignalResidual: scoped comparison
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Analyze source-backed residuals, label derivatives and distinguish a bounded intent hypothesis from observed fact.

OUTPUT BLOCK

Return provenance-linked analysis or HOLD missing origin; signal differences do not establish intent.

MEASUREMENT LABELS

- ImageSource: digest and metadata
- SignalResidual: scoped comparison
- Transformation: disclosed derivative
- IntentHypothesis: bounded inference

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

An undisclosed edit or missing provenance must not be presented as an untouched original.

DISCOVERY NAMES

LECANTO-IMAGE-TRUTH-001; Lecanto Image Provenance, Physics, Variance, and Intent-Hypothesis System
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_reference_candidate.
REFERENCE_CANDIDATE

SOURCE REFERENCES

- Recovered nonwhite collection, page 1408
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1408

SOURCE REFERENCES

Recovered nonwhite collection, page 1408

JP Semiconductor DRO–Pearl - Visual and measurement blueprints

MJPE-COMPLETE-20260925-SEMICONDUCTOR-DRO-PEARL-YELLOW | Source-backed documentary sequence — execution not rerun

JP Semiconductor DRO–Pearl / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SemiconductorProfile: scale and power
-> DROEnergyLedger: typed quantities
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve separate measurement, simulation and power roles; check typed capacities and energy relationships without inventing a physical article.

OUTPUT BLOCK

Return a planned integration trace with unresolved hardware evidence.

MEASUREMENT LABELS

- SemiconductorProfile: scale and power
- DROEnergyLedger: typed quantities
- PearlNode: computational capacity
- WakeReserve: protected limit

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Computational retention must not be treated as physical energy storage without a measured mapping.

DISCOVERY NAMES

JP-SC-DRO-PEARL-INTEGRATION-001; JP Semiconductor DRO and Pearl Computational Integration
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_planned_only_no_physical_article.
PLANNED_ONLY_NO_PHYSICAL_ARTICLE

SOURCE REFERENCES

- Recovered nonwhite collection, page 1409
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1409

SOURCE REFERENCES

Recovered nonwhite collection, page 1409

Shiva Internal Banking Reference - Visual and measurement blueprints

MJPE-COMPLETE-20260925-SHIVA-DAY1-YELLOW | Source-backed documentary sequence — execution not rerun

Shiva Internal Banking Reference / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> InternalAccount: reference-only
-> TreasuryScenario: explicit scope
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Document internal financial relationships under Mermaid, M3, JO, MK and MJ boundaries; exclude outside-platform cryptocurrency and public markets.

OUTPUT BLOCK

Return an internal future-objective record, not an operational bank or public service.

MEASUREMENT LABELS

- InternalAccount: reference-only
- TreasuryScenario: explicit scope
- SettlementReflection: internal model
- ExternalMarket: excluded

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

External token offers or unadmitted transfers must not expand the internal scope.

DISCOVERY NAMES

SHIVA-DAY1-INTERNAL-BANKING-MVP
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_future_internal_objective.
No outside-platform cryptocurrency, public market or operational banking claim.

SOURCE REFERENCES

- Recovered nonwhite collection, page 7105
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=7105

SOURCE REFERENCES

Recovered nonwhite collection, page 7105

Shiva Crypto Legacy Candidate - Visual and measurement blueprints

MJPE-COMPLETE-20260925-SHIVA-CRYPTO-LEGACY-YELLOW | Archive reference — disabled

Shiva Crypto Legacy Candidate / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> HistoricalEntry: BP-PROD-017
-> Status: DISABLED_ACTIVE_HOLD
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve both dated scopes without treating the later internal objective as authorization for the older external candidate.

OUTPUT BLOCK

Return archive-only reconciliation; no token, market or live external product is promoted.

MEASUREMENT LABELS

- HistoricalEntry: BP-PROD-017
- Status: DISABLED_ACTIVE_HOLD
- LaterScope: internal-only Grey objective
- Reconciliation: dated scope difference

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A later internal update must not be represented as removal of the earlier external hold.

DISCOVERY NAMES

SHIVA-CRYPTO
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: historical_disabled.
Disabled historical record; not a current launch, token offer or live financial service.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1389
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1389
- Recovered nonwhite collection, page 7105
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=7105

SOURCE REFERENCES

Recovered nonwhite collection, page 1389

Recovered nonwhite collection, page 7105

Shiva Shells - Visual and measurement blueprints

Shiva Shells / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ShellId: governed account-envelope identity
-> FinancialState: typed representations
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Validate schema, provenance and scope; carry related accounting and participant evidence without letting the object authorize itself.

OUTPUT BLOCK

Return a governed account envelope or HOLD missing evidence. A shell is distinct from Shiva capital proposals and SHIVAS nontransferable reflections.

MEASUREMENT LABELS

- ShellId: governed account-envelope identity
- FinancialState: typed representations
- Provenance: source-bound evidence
- Authority: false; separate admission required

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A well-formed shell without separate custody or admission evidence must not authorize a transfer or enlarge its scope.

DISCOVERY NAMES

SHIVA_SHELL; Shiva shells
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.
Recovered status: documented_historical_reference.
authority=false; separate custody, scope and admission requirements remain applicable.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1327
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1327
- Recovered nonwhite collection, page 7098
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=7098
- Recovered nonwhite collection, page 394
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=394

RECOVERED HISTORICAL CONTEXT

- Historical scope: Account family used with SHIVAS and the Teal/MJ development integration.
- Historical integration reported; account and authority contracts require their own source evidence.
- Historical evidence has not been rerun in this discovery pass.

SEPARATE HISTORICAL CONTRACT OUTLINE

- ShellIdentity — account and governing profile
- AccountState — exact holdings and sequence
- TransferContext — sender, recipient and allowed operation
- ShellReceipt — state change and provenance

IF

A Shell account participates in an admitted ledger instruction.

HOW

Resolve the account identities and exact state, apply the matching asset/profile rules and retain the sequence and reconciliation evidence.

THEN

Describe the accountable before/after state and any unmet authority condition.
This historical outline is separate from the current-source contract above. It does not establish native integration or newly executed results.

SOURCE REFERENCES

Recovered nonwhite collection, page 1327

Recovered nonwhite collection, page 7098

Recovered nonwhite collection, page 394

MJos Operating System - Visual and measurement blueprints

MJos Operating System / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> OperatingProfile: explicit proposed substrate
-> ResourceLease: bounded MJ allocation
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Represent the proposed substrate and lease boundaries, preserving exact resource ownership and source status. Distinguish hosted software components and simulations from a demonstrated bootable operating system.

OUTPUT BLOCK

Return a source-backed operating-system profile or unresolved implementation requirement. The MJos name does not itself establish a completed kernel or hardware platform.

MEASUREMENT LABELS

- OperatingProfile: explicit proposed substrate
- ResourceLease: bounded MJ allocation
- ExecutionPlan: separately admitted work
- InfrastructureReceipt: isolation and continuity evidence

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

A successful hosted calculation must not be reported as a boot, isolation proof or operational OS result without corresponding executable evidence.

DISCOVERY NAMES

MJOS; MJos OS; MJOS-SUBSTRATE
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Historical reference or specification recovered. Its source status remains visible and is not promoted to a current standalone implementation.

Recovered status: documented_specification_candidate.
Source-described operating substrate; no complete bootable kernel, hardware platform or independently verified resource-isolation result is inferred.

SOURCE REFERENCES

- Recovered nonwhite collection, page 1305
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1305
- Recovered nonwhite collection, page 1379
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1379
- Recovered nonwhite collection, page 7095
https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=7095

SOURCE REFERENCES

Recovered nonwhite collection, page 1305

Recovered nonwhite collection, page 1379

Recovered nonwhite collection, page 7095

Bangel Database 1.0 - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-DATABASE-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Database 1.0 / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> DatabaseRequest — query, schema version, declared purpose
-> TypedTransaction — values, constraints, visibility and isolation
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Resolve the typed request, retain uncertainty and lineage, check the declared transaction boundary and compare the result with its governing profile.

OUTPUT BLOCK

Document the admitted result and reconciliation record; keep unsupported schema or authority conditions explicit.

MEASUREMENT LABELS

- DatabaseRequest — query, schema version, declared purpose
- TypedTransaction — values, constraints, visibility and isolation
- AuthorityEvidence — actor, scope and expiry
- TransactionReceipt — admitted outcome, uncertainty and lineage

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Submit a transaction with an incompatible schema or absent write authority; preserve refusal and unchanged state, even if its payload hash is valid.

DISCOVERY NAMES

Bangel Database 1.0
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Historical E012 and AR001 builds are reported; an independent current release and full native parity remain unverified.
Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Moana Service Desk - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MOANA-SERVICE-DESK-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Moana Service Desk / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> UserIntent — requested workflow and context
-> DomainRecord — versioned project data
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Match the request to the source-defined workflow, preserve record identity and state transitions, and distinguish prototype behavior from connected services.

OUTPUT BLOCK

Return the documented workflow result with its evidence level and unresolved integration steps.

MEASUREMENT LABELS

- UserIntent — requested workflow and context
- DomainRecord — versioned project data
- PermissionScope — actor and allowed operation
- WorkflowReceipt — observed result and provenance

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Attempt a technician-only service transition from an unassigned account; retain the ticket history and reject the unauthorized state change.

DISCOVERY NAMES

Moana Service Desk
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
A local Linux demo with 21 integration tests was historically reported; Windows, macOS and hosted operation remain unverified. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

MJ Logical Layer 5 - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJ-L5-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJ Logical Layer 5 / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ModelProposal — candidate outcome and uncertainty
-> IndependentEvidence — observations separate from the proposal
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Apply the independent gate order, operating mode and bounded-loop policy while retaining the original proposal and observed evidence.

OUTPUT BLOCK

Record the permitted disposition without allowing predicted confidence to override missing or rejecting evidence.

MEASUREMENT LABELS

- ModelProposal — candidate outcome and uncertainty
- IndependentEvidence — observations separate from the proposal
- GateDecision — PASS, HOLD or DENY with reasons
- SupervisionTrace — deadlines, retries and retained state

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Feed a high-confidence prediction while an independent guardian veto is active; the forecast must not override that veto or deadline.

DISCOVERY NAMES

MJ Logical Layer 5
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.

Protected L5 test and ablation completion is reported; a plain-L5 extra HOLD remained separately unresolved. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

MjQ - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJQ-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MjQ / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ResearchHypothesis — stated idea and scope
-> QualifiedAnalogy — source and biological or software context
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve its definitions, distinguish software analogy from biological evidence and identify an explicit comparison or falsification test.

OUTPUT BLOCK

Retain a qualified research result and unresolved questions rather than promoting analogy into implemented fact.

MEASUREMENT LABELS

- ResearchHypothesis — stated idea and scope
- QualifiedAnalogy — source and biological or software context
- Observation — measured or synthetic evidence
- FalsificationCriterion — result that would challenge the hypothesis

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Compare two matching cues under different coordinate or relation contexts; preserve uncertainty and distinguish associative retrieval from a verified causal explanation.

DISCOVERY NAMES

MjQ
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Research note; biological analogies and provisional lowercase r0 are not established biological mechanisms. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

MJos Self-Healing Kernel - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJOS-SELF-HEALING-KERNEL-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJos Self-Healing Kernel / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Checkpoint — rooted recoverable state
-> RecoveryProposal — intended bounded correction
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Identify the exact recoverable state, permitted correction and independent validation path; preserve prior evidence and rollback boundaries.

OUTPUT BLOCK

Describe the verified recovery or unresolved hold without granting the recovery module new authority.

MEASUREMENT LABELS

- Checkpoint — rooted recoverable state
- RecoveryProposal — intended bounded correction
- IndependentValidation — evidence for accepting a correction
- RecoveryReceipt — applied or retained state and reason

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Interrupt a bounded worker after a checkpoint; record recovery provenance and ensure the proposed recovered state is validated before reuse.

DISCOVERY NAMES

MJos Self-Healing Kernel
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Partial interfaces and development integration are reported; normal issuance and predictive key recovery were distinct historical paths. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Predictive Node Placement - Visual and measurement blueprints

MJPE-COMPLETE-20260925-PREDICTIVE-NODE-PLACEMENT-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Predictive Node Placement / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SourceProfile — exact mechanism definition
-> InputObservation — value, unit, context and provenance
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Bind it to its governing profile, distinguish inputs from interpretations and retain measurements, uncertainty and source lineage.

OUTPUT BLOCK

Explain the supported contribution and record any missing executable rule without inferring behavior from the name.

MEASUREMENT LABELS

- SourceProfile — exact mechanism definition
- InputObservation — value, unit, context and provenance
- MechanismResult — profile-bound interpretation
- EvidenceGap — missing rule, source or measurement

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Give the next command an early observation that conflicts with the previous prediction; preserve both and reconcile against the actual outcome.

DISCOVERY NAMES

Predictive Node Placement
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Intended incremental loop and development integration; performance is workload-specific and requires verification. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Teal Ledger - Visual and measurement blueprints

MJPE-COMPLETE-20260925-TEAL-LEDGER-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Teal Ledger / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> LedgerInstruction — asset, account and intended operation
-> ExactAmount — units, scale and conservation rule
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve the applicable profile, compare conservation and reconciliation rules, and separate internal reference behavior from external transfer or financial authority.

OUTPUT BLOCK

Record the profile-qualified result; retain missing integration and external-operation requirements.

MEASUREMENT LABELS

- LedgerInstruction — asset, account and intended operation
- ExactAmount — units, scale and conservation rule
- AdmissionEvidence — identity, scope and validated conditions
- LedgerReceipt — before/after state, evidence and reconciliation

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Replay a signed allocation and attempt a decimal transfer beyond available atomic balance; reject duplicate or invalid state transitions without rounding value.

DISCOVERY NAMES

Teal Ledger
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Local development builds and benchmarks reported; distributed deployment and full release contracts remain open.

Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

SHIVAS Ledger Profile - Visual and measurement blueprints

MJPE-COMPLETE-20260925-SHIVAS-LEDGER-PROFILE-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

SHIVAS Ledger Profile / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> AssetProfile — identity, denomination and transfer rules
-> ExactBalance — atomic units and evidence
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Select the correct dated profile and preserve its amount, transferability, internal-reflection and authority rules.

OUTPUT BLOCK

Document only that profile's behavior; do not silently convert an internal reflection into a transferable public asset.

MEASUREMENT LABELS

- AssetProfile — identity, denomination and transfer rules
- ExactBalance — atomic units and evidence
- TransferProposal — source, destination and scope
- AssetReceipt — conserved state and lineage

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Transfer one atomic unit at the exact balance boundary and then one unit beyond it; document valid arithmetic separately from permission to transfer real value.

DISCOVERY NAMES

SHIVAS Ledger Profile
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.

This later ledger profile must not overwrite the nontransferable SHIVAS Internal Reflection source profile. Development ledger identity; no independent production asset or value claim is established. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

MJ Digital Twin - Visual and measurement blueprints

MJPE-COMPLETE-20260925-DIGITAL-TWIN-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJ Digital Twin / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ObservedState — actual received data
-> PredictedState — candidate continuation or placement
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve observation time and provenance, distinguish received facts from forecast values and compare predictions with later evidence.

OUTPUT BLOCK

Record the model's bounded result and variance without substituting predictions for unreceived or unauthenticated data.

MEASUREMENT LABELS

- ObservedState — actual received data
- PredictedState — candidate continuation or placement
- Comparison — difference with confidence and uncertainty
- TwinReceipt — observation, prediction and evidence boundary

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Change a received command result after fixing its prediction; keep the original prediction and add a separately timestamped discrepancy receipt.

DISCOVERY NAMES

MJ Digital Twin
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
First received-byte observation was historically reported; prediction is not a verified substitute for actual authenticated input.

Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

MJ Quantum Water Protection - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJ-QUANTUM-WATER-PROTECTION-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJ Quantum Water Protection / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> WaterSystemBoundary — components and intended purpose
-> Measurement — units, sensor or simulation origin
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Use the declared physical model and available measurements, separate software simulation from hardware evidence and retain uncertainty and operating limits.

OUTPUT BLOCK

Produce the supported design or test conclusion and identify the measurements needed before physical-performance claims.

MEASUREMENT LABELS

- WaterSystemBoundary — components and intended purpose
- Measurement — units, sensor or simulation origin
- ProtectionProposal — proposed bounded action
- ValidationRecord — software, bench or field evidence

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Supply a simulated sensor series as if it were field water evidence; require clear provenance and prevent a treatment-performance claim from that series.

DISCOVERY NAMES

MJ Quantum Water Protection
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Historical source and package lineage; the name does not establish experimentally validated quantum protection. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Cloud - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-CLOUD-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Cloud / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ProjectManifest — source, documents and versions
-> WorkspaceAction — edit, import, build or restore
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve source imports and project boundaries, trace the selected build/backup path and distinguish local capabilities from connected hosting.

OUTPUT BLOCK

Present the available workspace result and its actual persistence, authentication and deployment status.

MEASUREMENT LABELS

- ProjectManifest — source, documents and versions
- WorkspaceAction — edit, import, build or restore
- AccessContext — actor and declared scope
- WorkspaceReceipt — artifact, checkpoint and status

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Import two projects with the same file name but different roots; preserve source identities, access boundaries and recoverable versions.

DISCOVERY NAMES

Bangel Cloud
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Local checkpoints and cloud preparation are reported; earlier AWS deployment was explicitly pending. Historical evidence

has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Workspace - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-WORKSPACE-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Workspace / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ProjectManifest — files and version lineage
-> ImportRecord — original and derived artifact
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Retain originals and duplicate lineage, associate derived results with inputs and verify the applicable save or restoration path.

OUTPUT BLOCK

Expose a traceable project view and explicit recovery boundary.

MEASUREMENT LABELS

- ProjectManifest — files and version lineage
- ImportRecord — original and derived artifact
- ExperimentRecord — inputs, outputs and context
- RecoveryCheckpoint — verified save and restore record

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Restore a checkpoint after modifying an experiment; identify the exact restored bytes and keep the newer experiment discoverable as a separate version.

DISCOVERY NAMES

Bangel Workspace
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.

Historical local checkpoint packages; complete current source and durable-save status require recovery. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Physics Lab - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-PHYSICS-LAB-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Physics Lab / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Lesson — concept and versioned source
-> ExperimentInput — value, unit and assumption
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Explain the governing rule, preserve input units and assumptions, and label executed examples separately from candidate language exports.

OUTPUT BLOCK

Show the result, comparison and evidence appropriate to the supported lesson.

MEASUREMENT LABELS

- Lesson — concept and versioned source
- ExperimentInput — value, unit and assumption
- ExampleResult — computed or illustrative output
- LearningEvidence — execution environment and limits

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Enter physically incompatible units in a formula example; produce an explicit constraint result rather than a plausible-looking numerical answer.

DISCOVERY NAMES

Bangel Physics Lab
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Historical 100-method local lab; native execution coverage differed by language and checkpoint. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Statistics Lab - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-STATISTICS-LAB-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Statistics Lab / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Lesson — concept and versioned source
-> ExperimentInput — value, unit and assumption
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Explain the governing rule, preserve input units and assumptions, and label executed examples separately from candidate language exports.

OUTPUT BLOCK

Show the result, comparison and evidence appropriate to the supported lesson.

MEASUREMENT LABELS

- Lesson — concept and versioned source
- ExperimentInput — value, unit and assumption
- ExampleResult — computed or illustrative output
- LearningEvidence — execution environment and limits

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Compare a missing observation with an actual zero and vary a resampling seed; preserve missingness and reproducible statistical assumptions.

DISCOVERY NAMES

Bangel Statistics Lab
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Historical local learning workbench; it was not yet a 100-method catalog. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

MJ Encrypted Message API - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJ-ENCRYPTED-MESSAGE-API-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJ Encrypted Message API / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ProtocolRequest — endpoint, version and payload
-> AuthenticationEvidence — key-bound integrity result
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Validate its shape and integrity using the stated contract and distinguish tamper detection from identity, freshness or authorization guarantees.

OUTPUT BLOCK

Report the supported acceptance result without implying checks the protocol does not implement.

MEASUREMENT LABELS

- ProtocolRequest — endpoint, version and payload
- AuthenticationEvidence — key-bound integrity result
- ProtocolDecision — accepted or rejected with reason
- ResponseReceipt — result and documented limitations

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Alter an authenticated message and replay a previously accepted packet; report tamper and replay behavior separately under the declared protocol.

DISCOVERY NAMES

MJ Encrypted Message API
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Historical cross-platform tests and public repository reported; identity, truth and freshness are not established by message acceptance. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Interoperability - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-INTEROP-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Interoperability / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> BindingContract — language and protocol version
-> TypedRequest — representation and effects
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Match protocol, representation and ownership rules; keep adapter behavior separate from native-language implementation claims.

OUTPUT BLOCK

Return a profile-qualified result and record which parity evidence actually covers the binding.

MEASUREMENT LABELS

- BindingContract — language and protocol version
- TypedRequest — representation and effects
- InteropResult — output or named failure
- ParityEvidence — platform and matching contract

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Pass an unknown field, an unsupported numeric value and a version mismatch through each claimed binding; compare protocol outcomes without assuming parity.

DISCOVERY NAMES

Bangel Interoperability
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Some released integration families are reported; each binding needs its own supported-contract and parity record. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Teaching Pathway - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-TEACHING-PATHWAY-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Teaching Pathway / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> LearningObjective — supported concept
-> WorkedExample — source and grammar profile
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Use examples grounded in the selected implemented grammar and explain matching and differing semantics.

OUTPUT BLOCK

Provide a reproducible exercise and distinguish teaching shorthand from executable syntax.

MEASUREMENT LABELS

- LearningObjective — supported concept
- WorkedExample — source and grammar profile
- Comparison — C# and Bangel behavior
- PracticeEvidence — expected result and explanation

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Translate a lesson between C# and Bangel and verify equivalent inputs, units and visible outcomes; mark features whose toolchain support is only proposed.

DISCOVERY NAMES

Bangel Teaching Pathway
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.

Recovered document and repository pathway; teaching examples must match the implemented grammar. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Java Work Order API - Visual and measurement blueprints

MJPE-COMPLETE-20260925-JAVA-WORK-ORDER-API-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Java Work Order API / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Lesson — concept and versioned source
-> ExperimentInput — value, unit and assumption
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Explain the governing rule, preserve input units and assumptions, and label executed examples separately from candidate language exports.

OUTPUT BLOCK

Show the result, comparison and evidence appropriate to the supported lesson.

MEASUREMENT LABELS

- Lesson — concept and versioned source
- ExperimentInput — value, unit and assumption
- ExampleResult — computed or illustrative output
- LearningEvidence — execution environment and limits

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Try an invalid work-order status transition and malformed required field; preserve structured errors and the previous stored record.

DISCOVERY NAMES

Java Work Order API
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Historical clean build and nine tests reported; learner mastery and production suitability are separate. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Artifact Integrity Service - Visual and measurement blueprints

MJPE-COMPLETE-20260925-ARTIFACT-INTEGRITY-SERVICE-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Artifact Integrity Service / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ProposedCapability — purpose and scope
-> ArtifactManifest — paths, sizes and hashes
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Define the deterministic inventory and comparison contract, identify unsafe paths and distinguish design requirements from built functionality.

OUTPUT BLOCK

Produce a reviewable specification and explicit implementation status.

MEASUREMENT LABELS

- ProposedCapability — purpose and scope
- ArtifactManifest — paths, sizes and hashes
- DifferenceReport — added, missing or changed entries
- ImplementationEvidence — source and test status

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Compare manifests after adding, removing and modifying files, including an unsafe path; distinguish each change and refuse traversal outside the allowed root.

DISCOVERY NAMES

Artifact Integrity Service
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_proposal.
Architecture and learning proposal; a completed implementation was not established in the reviewed turns. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Manifest - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MANIFEST-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Manifest / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> CreatorProfile — declared public presentation
-> BookingIntent — proposed service and availability
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Follow the documented presentation and booking flow while retaining its separate project boundary and identifying simulations.

OUTPUT BLOCK

Return the prototype outcome without implying live payments, notifications or availability.

MEASUREMENT LABELS

- CreatorProfile — declared public presentation
- BookingIntent — proposed service and availability
- PrototypeEvent — simulated interaction
- IntegrationStatus — connected or pending service

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Attempt to turn an incomplete creator profile into a confirmed booking; preserve the distinction between presentation, availability and accepted booking authority.

DISCOVERY NAMES

Manifest
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Private UI prototype with simulated bookings and alerts; earlier user direction explicitly kept it separate from approved BarTide/Tide Casa builds. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Tide Casa - Visual and measurement blueprints

MJPE-COMPLETE-20260925-TIDE-CASA-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Tide Casa / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ClientBrief — business need and scope
-> ProductConfiguration — selected workflow and presentation
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Map it to the supported product lane and documented delivery workflow, preserving the distinction between approved builds and historical prototypes.

OUTPUT BLOCK

Present a traceable preview or bounded delivery result with its current evidence.

MEASUREMENT LABELS

- ClientBrief — business need and scope
- ProductConfiguration — selected workflow and presentation
- DeliveryRecord — build, preview and release state
- OperatingEvidence — observed capability and limits

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Route the same account through two service verticals; preserve each business context, billing purpose and client authorization.

DISCOVERY NAMES

Tide Casa
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Historically deployed C# product; public branding should remain distinct from internal engineering roles. Historical evidence

has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Variance Capture - Visual and measurement blueprints

MJPE-COMPLETE-20260925-VARIANCE-CAPTURE-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Variance Capture / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SourceProfile — exact mechanism definition
-> InputObservation — value, unit, context and provenance
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Bind it to its governing profile, distinguish inputs from interpretations and retain measurements, uncertainty and source lineage.

OUTPUT BLOCK

Explain the supported contribution and record any missing executable rule without inferring behavior from the name.

MEASUREMENT LABELS

- SourceProfile — exact mechanism definition
- InputObservation — value, unit, context and provenance
- MechanismResult — profile-bound interpretation
- EvidenceGap — missing rule, source or measurement

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Record opposite signed deviations from the same fixed prediction; retain sign, units, uncertainty and original observation timestamps.

DISCOVERY NAMES

Variance Capture
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Recovered named mechanism; numeric and governance semantics are profile-specific. Historical evidence has not been

rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Variance Pool - Visual and measurement blueprints

Variance Pool / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SourceProfile — exact mechanism definition
-> InputObservation — value, unit, context and provenance
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Bind it to its governing profile, distinguish inputs from interpretations and retain measurements, uncertainty and source lineage.

OUTPUT BLOCK

Explain the supported contribution and record any missing executable rule without inferring behavior from the name.

MEASUREMENT LABELS

- SourceProfile — exact mechanism definition
- InputObservation — value, unit, context and provenance
- MechanismResult — profile-bound interpretation
- EvidenceGap — missing rule, source or measurement

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Request allocation from evidence with incompatible units or missing provenance; keep the unresolved allocation visible and do not create usable authority.

DISCOVERY NAMES

Variance Pool
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_proposal.
Recovered concept; a current executable allocation contract must be identified before claiming runtime behavior. Historical

evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Rain - Visual and measurement blueprints

MJPE-COMPLETE-20260925-RAIN-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Rain / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SourceProfile — exact mechanism definition
-> InputObservation — value, unit, context and provenance
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Bind it to its governing profile, distinguish inputs from interpretations and retain measurements, uncertainty and source lineage.

OUTPUT BLOCK

Explain the supported contribution and record any missing executable rule without inferring behavior from the name.

MEASUREMENT LABELS

- SourceProfile — exact mechanism definition
- InputObservation — value, unit, context and provenance
- MechanismResult — profile-bound interpretation
- EvidenceGap — missing rule, source or measurement

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Try to derive executable behavior from the recovered concept name alone; require a recovered formal definition and a versioned contract before assigning capability.

DISCOVERY NAMES

Rain
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: documented_mechanism_source_pending.
Reference recovered; exact semantics should be tied to the governing source profile. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Umbrella - Visual and measurement blueprints

MJPE-COMPLETE-20260925-UMBRELLA-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Umbrella / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SourceProfile — exact mechanism definition
-> InputObservation — value, unit, context and provenance
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Bind it to its governing profile, distinguish inputs from interpretations and retain measurements, uncertainty and source lineage.

OUTPUT BLOCK

Explain the supported contribution and record any missing executable rule without inferring behavior from the name.

MEASUREMENT LABELS

- SourceProfile — exact mechanism definition
- InputObservation — value, unit, context and provenance
- MechanismResult — profile-bound interpretation
- EvidenceGap — missing rule, source or measurement

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Attempt to collapse an unresolved uncertainty envelope into a scalar certainty; preserve the selected definition and its unresolved implementation boundary.

DISCOVERY NAMES

Umbrella
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: documented_mechanism_source_pending.
Reference recovered; current implementation is not established by name alone. Historical evidence has not been rerun in

this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Smoke - Visual and measurement blueprints

Smoke / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SourceProfile — exact mechanism definition
-> InputObservation — value, unit, context and provenance
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Bind it to its governing profile, distinguish inputs from interpretations and retain measurements, uncertainty and source lineage.

OUTPUT BLOCK

Explain the supported contribution and record any missing executable rule without inferring behavior from the name.

MEASUREMENT LABELS

- SourceProfile — exact mechanism definition
- InputObservation — value, unit, context and provenance
- MechanismResult — profile-bound interpretation
- EvidenceGap — missing rule, source or measurement

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Present an ambiguous indicator as a verified observation; retain its evidence class and refuse an unsupported promotion to fact.

DISCOVERY NAMES

Smoke
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: documented_mechanism_source_pending.
Reference recovered; precise rules and runtime support require source reconciliation. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

BlueWater - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BLUEWATER-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

BlueWater / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> MarketProfile — location and customer need
-> ServiceBrief — scope and deliverables
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Keep the regional needs, scope and pilot evidence explicit and separate planning packages from deployed workflows.

OUTPUT BLOCK

Produce the supported service outline and next measurable delivery step.

MEASUREMENT LABELS

- MarketProfile — location and customer need
- ServiceBrief — scope and deliverables
- PilotEvidence — observed customer workflow
- DeliveryRecord — approved state and support boundary

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Duplicate a regional template for another business; preserve the client-specific content, permissions and distinction between preview and release.

DISCOVERY NAMES

BlueWater
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Historical private pilot and website records; the relationship to later Tide Casa branding requires explicit provenance rather than assuming an automatic rename. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Lola - Visual and measurement blueprints

MJPE-COMPLETE-20260925-LOLA-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Lola / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> CustomerIntent — stated need and context
-> ServiceKnowledge — approved scope and wording
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Use the approved service information, preserve intentional voice interaction and route unsupported decisions to a human.

OUTPUT BLOCK

Give a grounded recommendation or clear handoff without inventing booking or payment completion.

MEASUREMENT LABELS

- CustomerIntent — stated need and context
- ServiceKnowledge — approved scope and wording
- Recommendation — bounded option and explanation
- HandoffRecord — unresolved question and human owner

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Give the concierge a request beyond its configured service package; retain the question and route the unresolved commitment to a human decision.

DISCOVERY NAMES

Lola
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Historical guided prototype; voice, live service integrations and current hosting should be verified separately. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Leverage Analyst - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-LEVERAGE-ANALYST-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Leverage Analyst / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> PlaybookEntry — model geometry and assignments
-> FilmObservation — frame, timestamp and confidence
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Separate modeled playbook structure from observed video and fallback context, then apply the documented review order and calibration requirements.

OUTPUT BLOCK

Return only the supported geometry or physics assessment with unresolved observation steps visible.

MEASUREMENT LABELS

- PlaybookEntry — model geometry and assignments
- FilmObservation — frame, timestamp and confidence
- ContextRecord — external play-by-play or coaching input
- AnalysisReceipt — measured versus modeled conclusion

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Compare a playbook route with an uncertain film track; preserve calibration, frame provenance and the distinction between modeled and observed movement.

DISCOVERY NAMES

Physics-Based Play Analysis
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Historical owner-only alpha; playbook models and fallback play-by-play context are not independently verified film observations. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Leverage Physics Lab - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-LEVERAGE-PHYSICS-LAB-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Leverage Physics Lab / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> VideoReference — local or embedded source
-> FieldCalibration — landmarks and coordinate transform
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Compute the documented measurements from actual inputs and label manual timestamps, coordinates and inaccessible embedded frames.

OUTPUT BLOCK

Explain the derived educational measurement without implying automated film evidence.

MEASUREMENT LABELS

- VideoReference — local or embedded source
- FieldCalibration — landmarks and coordinate transform
- TrackedPoint — time, position and confidence
- EducationalReceipt — calculation and limitations

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Change field calibration while holding pixel tracks constant; show its effect on distance and speed, preserving uncertainty and reproducible timing.

DISCOVERY NAMES

Physics-Based Play Analysis
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Historical separate alpha; YouTube review used manual timestamps and coordinates, with no automatic access to embedded video frames. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Cybernetic Framework - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-CYBERNETIC-FRAMEWORK-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Cybernetic Framework / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> TargetState — desired bounded outcome
-> Measurement — actual state and uncertainty
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Represent targets, measurements, differences and permitted corrections through JP while keeping measurement separate from authority.

OUTPUT BLOCK

Record the admitted response and its observed consequence for reconciliation.

MEASUREMENT LABELS

- TargetState — desired bounded outcome
- Measurement — actual state and uncertainty
- AuthorizedCorrection — permitted response
- Reconciliation — observed consequence and retained difference

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Propose a correction that reduces measured error but exceeds allowed authority; reject the action while preserving the analytical result.

DISCOVERY NAMES

Bangel Cybernetic Framework
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Recovered architecture; individual executable pathways need source-level reconciliation. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

MJos Software Supply Trust - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJOS-SOFTWARE-SUPPLY-TRUST-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJos Software Supply Trust / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ReleaseArtifact — source and build lineage
-> CryptographicInventory — observed dependency evidence
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Connect the observed build, dependency, authorization and recovery evidence without claiming absent scans or production integration.

OUTPUT BLOCK

Produce a bounded assurance record and the outstanding pilot/implementation requirements.

MEASUREMENT LABELS

- ReleaseArtifact — source and build lineage
- CryptographicInventory — observed dependency evidence
- ReleaseAuthorization — permitted signing or distribution scope
- RecoveryEvidence — rehearsed response and retained history

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Revoke a signing key after a release and replay its old attestation; distinguish historical signature validity from current admission and recovery policy.

DISCOVERY NAMES

MJos Software Supply Trust
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_proposal.
Product proposal and pilot definition; current implemented product source must be recovered before making operational claims. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

MJos Marine Trust - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJOS-MARINE-TRUST-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJos Marine Trust / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SupplierArtifact — firmware or software provenance
-> VesselIntegration — system and version
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Track its source, version, authorization and service evidence across the declared vessel boundary.

OUTPUT BLOCK

Explain the qualified trust decision and the physical or deployment evidence still required.

MEASUREMENT LABELS

- SupplierArtifact — firmware or software provenance
- VesselIntegration — system and version
- ServiceEvent — observed maintenance action
- TrustDecision — evidence-based permitted operation

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Present supplier firmware evidence for the wrong vessel configuration; preserve the mismatch and hold admission despite a valid supplier signature.

DISCOVERY NAMES

MJos Marine Trust
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_proposal.

Product concept with historical logo proposals; production deployment and physical assurance are not established. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

QSHM - Visual and measurement blueprints

QSHM / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> HardwareConcept — intended role and interface
-> EvidenceRequirement — bench, device or integration proof
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Specify its intended interfaces and evidence requirements without substituting a software mock-up for physical validation.

OUTPUT BLOCK

Retain a reviewable hardware proposal and clearly identify the missing device evidence.

MEASUREMENT LABELS

- HardwareConcept — intended role and interface
- EvidenceRequirement — bench, device or integration proof
- InterfaceContract — bounded inputs and outputs
- ResearchStatus — proposed, modeled or measured

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Compare a proposed hardware function with the validated software interface; mark missing device measurements and avoid reporting prototype or security-performance results.

DISCOVERY NAMES

QSHM
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_proposal.
Longer-term hardware proposal; no validated custom device or hardware security claim is established. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Trust Gateway - Visual and measurement blueprints

MJPE-COMPLETE-20260925-TRUST-GATEWAY-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Trust Gateway / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> HardwareConcept — intended role and interface
-> EvidenceRequirement — bench, device or integration proof
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Specify its intended interfaces and evidence requirements without substituting a software mock-up for physical validation.

OUTPUT BLOCK

Retain a reviewable hardware proposal and clearly identify the missing device evidence.

MEASUREMENT LABELS

- HardwareConcept — intended role and interface
- EvidenceRequirement — bench, device or integration proof
- InterfaceContract — bounded inputs and outputs
- ResearchStatus — proposed, modeled or measured

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Disconnect fleet connectivity during a proposed update; demonstrate the specified hold/recovery contract before inferring a safe physical gateway behavior.

DISCOVERY NAMES

Trust Gateway
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_proposal.
Historical future hardware concept; no completed hardware deployment is established. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

MJ Marine - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJ-MARINE-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJ Marine / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> VesselProfile — operating boundary and duty cycle
-> EngineeringAlternative — component or configuration option
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Compare a bounded set of alternatives using the applicable model and preserve sensitivity to uncertain inputs.

OUTPUT BLOCK

Provide an evidence-qualified engineering comparison and explicit data gaps.

MEASUREMENT LABELS

- VesselProfile — operating boundary and duty cycle
- EngineeringAlternative — component or configuration option
- ModelEvidence — assumptions, inputs and validation
- DecisionReport — comparison and remaining uncertainty

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Compare two repower candidates with unequal source quality; expose assumptions, sensitivity and missing vessel measurements before ranking them.

DISCOVERY NAMES

MJ Marine
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Historical private website and reference-model package; recommendations remain dependent on actual vessel data and validation. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Marine Design-Decision Twin - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MARINE-DESIGN-DECISION-TWIN-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Marine Design-Decision Twin / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> DecisionBoundary — vessel, question and alternatives
-> OperatingProfile — load and duty cycle
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Build the declared baseline, compare the specified alternatives and trace assumptions, uncertainty and validation limits.

OUTPUT BLOCK

Return a bounded model-based recommendation rather than an unmeasured physical-performance guarantee.

MEASUREMENT LABELS

- DecisionBoundary — vessel, question and alternatives
- OperatingProfile — load and duty cycle
- TwinResult — propulsion, thermal or energy estimate
- ValidationPlan — measurements needed to test the result

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Change a propulsion constraint after fixing a comparison set; retain the earlier assumptions and produce a new bounded decision receipt.

DISCOVERY NAMES

Marine Design-Decision Twin
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.

Reference model and consulting offer; physical performance requires independent measurements and project-specific validation. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

MJ Physics Digital Twins - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJ-PHYSICS-DIGITAL-TWINS-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJ Physics Digital Twins / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> PhysicalSystem — declared boundary
-> ModelState — equations and assumptions
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Connect the model, measurement and GIN variance while distinguishing known physics, modeled propositions and untested research.

OUTPUT BLOCK

Present the supported comparison and validation needed for the next engineering decision.

MEASUREMENT LABELS

- PhysicalSystem — declared boundary
- ModelState — equations and assumptions
- Observation — measured input and provenance
- DecisionEvidence — comparison and supported conclusion

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Compare the pre-observation circuit model with measured inputs under changed units; preserve the model, conversion and residual evidence separately.

DISCOVERY NAMES

MJ Physics Digital Twins
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_proposal.
Historical consulting site and proposal family; known physics, modeled propositions and untested research remain distinct.
Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Effect - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-EFFECT-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Effect / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ResearchDefinition — named effect and scope
-> PhysicalModel — established laws and assumptions
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

State the proposed effect, distinguish it from established thermodynamic mechanisms and define a measurement that could confirm or challenge it.

OUTPUT BLOCK

Retain the research claim at the evidence level actually supported.

MEASUREMENT LABELS

- ResearchDefinition — named effect and scope
- PhysicalModel — established laws and assumptions
- PredictedDifference — testable model outcome
- ExperimentalEvidence — observation or unresolved measurement

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Ask a visualization or simulated residual to establish a new physical effect; require independent experimental evidence and preserve the research-only status.

DISCOVERY NAMES

Bangel Effect
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Research identity; a name and visual explanation do not establish a newly observed physical law. Historical evidence has not

been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Media Compressor - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-MEDIA-COMPRESSOR-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Media Compressor / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> MediaSource — original bytes and provenance
-> CodecProfile — implementation and supported subset
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Identify the actual codec implementation, preserve original bytes and compare restoration, quality and performance evidence.

OUTPUT BLOCK

Record only the demonstrated result; partial AV1 work and third-party compression remain explicitly identified.

MEASUREMENT LABELS

- MediaSource — original bytes and provenance
- CodecProfile — implementation and supported subset
- CandidateTrial — proposed reversible path and resource evidence
- DecodeEvidence — independent restoration, quality and performance

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Round-trip a bounded media sample under the declared codec and resource limit; separately report distortion, exactness claims, resource receipts and rollback conditions.

DISCOVERY NAMES

Bangel Media Compressor
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Partial internal JP/AV1 sequence; native AV1 completion, independent decoding and compression superiority were explicitly not established. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel C++ Service Adapter - Visual and measurement blueprints

MJPE-COMPLETE-20260925-CPP-SERVICE-ADAPTER-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel C++ Service Adapter / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> AdapterRequest — language and protocol version
-> OwnershipContract — lifetimes and resource handling
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Respect the selected service contract, ownership rules and response semantics rather than assuming complete native-language parity.

OUTPUT BLOCK

Return the documented result with platform and contract coverage attached.

MEASUREMENT LABELS

- AdapterRequest — language and protocol version
- OwnershipContract — lifetimes and resource handling
- ProtocolResult — value or named failure
- InteropEvidence — example, test and platform

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Send a malformed protocol response and unsupported version through the C++ adapter; retain structured failure without silently accepting incompatible data.

DISCOVERY NAMES

Bangel C++ Service Adapter
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Historical released integration; current compatibility needs its own package and contract evidence. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

JP C++ Decimal Library - Visual and measurement blueprints

MJPE-COMPLETE-20260925-CPP-DECIMAL-LIBRARY-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

JP C++ Decimal Library / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> DecimalValue — exact representation and scale
-> NumericOperation — supported operation and rounding rule
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve representation, rounding and ownership rules and compare behavior with the matching numeric contract.

OUTPUT BLOCK

Return the precise supported result or named failure without expanding the arithmetic guarantees.

MEASUREMENT LABELS

- DecimalValue — exact representation and scale
- NumericOperation — supported operation and rounding rule
- MemoryContract — owner and lifetime
- NumericEvidence — expected result and test profile

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Exercise an exact decimal boundary and an overflow across the C and C++ interfaces; compare values and explicit failure contracts without binary floating-point substitution.

DISCOVERY NAMES

JP C++ Decimal Library
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.

Historical integration source; numeric behavior and memory ownership must stay tied to its specific contract. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Rust Service Adapter - Visual and measurement blueprints

MJPE-COMPLETE-20260925-RUST-SERVICE-ADAPTER-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Rust Service Adapter / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> AdapterRequest — language and protocol version
-> OwnershipContract — lifetimes and resource handling
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Respect the selected service contract, ownership rules and response semantics rather than assuming complete native-language parity.

OUTPUT BLOCK

Return the documented result with platform and contract coverage attached.

MEASUREMENT LABELS

- AdapterRequest — language and protocol version
- OwnershipContract — lifetimes and resource handling
- ProtocolResult — value or named failure
- InteropEvidence — example, test and platform

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Cancel a service request and then deliver a late response; preserve request identity, protocol validity and cancellation semantics.

DISCOVERY NAMES

Bangel Rust Service Adapter
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Historical integration source; separate from a native Rust implementation of the entire language. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

R jpservice - Visual and measurement blueprints

MJPE-COMPLETE-20260925-R-JPSERVICE-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

R jpservice / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> AdapterRequest — language and protocol version
-> OwnershipContract — lifetimes and resource handling
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Respect the selected service contract, ownership rules and response semantics rather than assuming complete native-language parity.

OUTPUT BLOCK

Return the documented result with platform and contract coverage attached.

MEASUREMENT LABELS

- AdapterRequest — language and protocol version
- OwnershipContract — lifetimes and resource handling
- ProtocolResult — value or named failure
- InteropEvidence — example, test and platform

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Send a vector containing missing and zero values through the service binding; preserve each distinction or report an unsupported conversion.

DISCOVERY NAMES

R jpservice
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Historical released integration; not interchangeable with the separately named encrypted-message API. Historical evidence

has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

R jpdecimal - Visual and measurement blueprints

MJPE-COMPLETE-20260925-R-JPDECIMAL-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

R jpdecimal / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> DecimalValue — exact representation and scale
-> NumericOperation — supported operation and rounding rule
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve representation, rounding and ownership rules and compare behavior with the matching numeric contract.

OUTPUT BLOCK

Return the precise supported result or named failure without expanding the arithmetic guarantees.

MEASUREMENT LABELS

- DecimalValue — exact representation and scale
- NumericOperation — supported operation and rounding rule
- MemoryContract — owner and lifetime
- NumericEvidence — expected result and test profile

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Round-trip a long decimal through the native and R boundaries; preserve exact representation and report unsupported range without silent rounding.

DISCOVERY NAMES

R jpdecimal
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Historical released integration; precise numeric semantics depend on the native-library contract. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Studios - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-STUDIOS-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Studios / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> BeatDocument — grid, tempo, lanes and events
-> AudioProfile — instrument and processing settings
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve event timing and user controls, identify the actual synthesis/export path and distinguish browser support from future native plug-in work.

OUTPUT BLOCK

Present the playable or exported result at the demonstrated capability level.

MEASUREMENT LABELS

- BeatDocument — grid, tempo, lanes and events
- AudioProfile — instrument and processing settings
- ProjectState — user controls and saved version
- PlaybackEvidence — timing and export observations

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Reload a project with synchronized drum, bass and vocal lanes; compare tempo, event timing and declared processing without assuming native plug-in equivalence.

DISCOVERY NAMES

Bangel Studios
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Historical browser studio versions were reported; native plug-in packaging, commerce and production hosting are separate

delivery lanes. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Drums - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-DRUMS-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Drums / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> BeatDocument — grid, tempo, lanes and events
-> AudioProfile — instrument and processing settings
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve event timing and user controls, identify the actual synthesis/export path and distinguish browser support from future native plug-in work.

OUTPUT BLOCK

Present the playable or exported result at the demonstrated capability level.

MEASUREMENT LABELS

- BeatDocument — grid, tempo, lanes and events
- AudioProfile — instrument and processing settings
- ProjectState — user controls and saved version
- PlaybackEvidence — timing and export observations

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Replay a fixed tempo and step pattern, then alter one step; compare deterministic event scheduling and state while keeping browser and native audio lanes distinct.

DISCOVERY NAMES

Physics Drum Sequencer; Drum Sequencer
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Historical browser versions and downloadable build kits; native audio-host validation remains a separate requirement.

Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

RECOVERED HISTORICAL CONTEXT

- Historical scope: Music/sequencing product family with JP-domain and deterministic runtime lineage.

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Infinity - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-INFINITY-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Infinity / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> AudioInput — source and provenance
-> ProcessingProfile — named controls and limits
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Trace the actual processing path and controls and compare output with the original rather than inferring superiority from the profile name.

OUTPUT BLOCK

Document the supported studio result and any independent-validation gap.

MEASUREMENT LABELS

- AudioInput — source and provenance
- ProcessingProfile — named controls and limits
- RenderedOutput — format and timing
- ComparisonEvidence — observed change and fidelity

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Apply the named processing profile to the same saved input twice; record the specified parameters and avoid inferring an undocumented algorithm from the product name.

DISCOVERY NAMES

Bangel Infinity
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Profile named in the studio release record; a separately installed product or independently validated processing advantage is

not established. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Compiler Lab - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-COMPILER-LAB-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Compiler Lab / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> SourceProfile — admitted syntax and version
-> TypedRepresentation — JP-IR identity and constraints
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Compile only the supported profile through Elsa, preserve JP identity and distinguish completed development slices from blocked dependencies.

OUTPUT BLOCK

Produce the profile-qualified artifact and current implementation status.

MEASUREMENT LABELS

- SourceProfile — admitted syntax and version
- TypedRepresentation — JP-IR identity and constraints
- DevelopmentStage — implemented, partial or held
- ConformanceEvidence — exact fixture and expected result

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Compile an unsupported backend or codec request through Elsa; preserve a precise unsupported result instead of claiming all staged backends are implemented.

DISCOVERY NAMES

Bangel Compiler Lab
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Historical private development build; unfinished codec, self-hosting and external verification work must stay visible. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Debt Analytics - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-DEBT-ANALYTICS-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Debt Analytics / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ConstructDefinition — concept and version
-> ComponentMeasure — data, units and direction
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Use one versioned construct definition and a traceable scoring policy, keeping calibration evidence separate from model design.

OUTPUT BLOCK

Return a qualified estimate and the evidence needed before decision or performance claims.

MEASUREMENT LABELS

- ConstructDefinition — concept and version
- ComponentMeasure — data, units and direction
- ScoringPolicy — normalization, weights and aggregation
- ValidationEvidence — calibration and uncertainty

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Vary one debt-model input with fixed calibration rules; show how scores change and keep exploratory prioritization separate from a validated financial conclusion.

DISCOVERY NAMES

Bangel Debt Analytics
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Historical architecture and specifications; this distinct analytics lineage must not be presented as the current executable language. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Construct Framework - Visual and measurement blueprints

MJPE-COMPLETE-20260925-CONSTRUCT-FRAMEWORK-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Construct Framework / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
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LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ConstructDefinition — concept and version
-> ComponentMeasure — data, units and direction
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Use one versioned construct definition and a traceable scoring policy, keeping calibration evidence separate from model design.

OUTPUT BLOCK

Return a qualified estimate and the evidence needed before decision or performance claims.

MEASUREMENT LABELS

- ConstructDefinition — concept and version
- ComponentMeasure — data, units and direction
- ScoringPolicy — normalization, weights and aggregation
- ValidationEvidence — calibration and uncertainty

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Reverse an input orientation and remove a required weight; preserve the normalization rule and expose the missing aggregation prerequisite.

DISCOVERY NAMES

Construct Framework
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Proposed architecture; a shared interface does not by itself prove calibration or validated predictions. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

BlueWater Studio - Visual and measurement blueprints

BlueWater Studio / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ClientBrief — business need and scope
-> ProductConfiguration — selected workflow and presentation
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Map it to the supported product lane and documented delivery workflow, preserving the distinction between approved builds and historical prototypes.

OUTPUT BLOCK

Present a traceable preview or bounded delivery result with its current evidence.

MEASUREMENT LABELS

- ClientBrief — business need and scope
- ProductConfiguration — selected workflow and presentation
- DeliveryRecord — build, preview and release state
- OperatingEvidence — observed capability and limits

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Promote a client preview through a proposed release workflow; require the correct client identity and approved content before recording a published result.

DISCOVERY NAMES

BlueWater Studio
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_report_not_fresh_verification.
Planning and prototype history; do not conflate with the current C#/Bangel Engineering Studio or approved Tide Casa

deployment. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Document Library - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-DOCUMENT-LIBRARY-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Document Library / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> DocumentIdentity — project, color and source version
-> PageReference — original page and derived edition
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve its source identity and coverage, apply current display terminology and distinguish indexed text from recovered original bytes.

OUTPUT BLOCK

Provide searchable, traceable records with missing sources and historical boundaries visible.

MEASUREMENT LABELS

- DocumentIdentity — project, color and source version
- PageReference — original page and derived edition
- SearchEntry — indexed text and provenance
- CoverageRecord — included, excluded or unavailable source

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Search the same term by color, project and page; preserve source lineage and distinguish historical archive records from rewritten documentation.

DISCOVERY NAMES

Bangel Document Library
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: historical_report_not_fresh_verification.
Historical private archive reported 340 documents and 28,902 searchable pages; full bytes and access are separate from this chat-index recovery. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Bangel Visual Effects - Visual and measurement blueprints

MJPE-COMPLETE-20260925-BANGEL-VISUAL-EFFECTS-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Visual Effects / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> ProjectIdentity — user-confirmed name
-> SourceReference — pending original specification
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Recover its original scope and compare it with Lecanto and Bangel Effect without assuming they are the same product.

OUTPUT BLOCK

Show the requested identity with a source-recovery status until its independent capabilities are grounded.

MEASUREMENT LABELS

- ProjectIdentity — user-confirmed name
- SourceReference — pending original specification
- ProposedScope — unconfirmed product boundary
- RecoveryGap — evidence still required

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Compare a transformation against its source image and requested effect; document the exact transformation and keep scientific-effect claims outside unverified VFX scope.

DISCOVERY NAMES

Bangel visual effects
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: source_recovery_pending.

Historical project name confirmed by the user; exact source scope remains pending. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Silent Guardian - Visual and measurement blueprints

Silent Guardian / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> TelemetryRecord — authenticated or simulated origin, measurement and provenance
-> RefinementState — deterministic estimate and covariance
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Bind telemetry origin and provenance, update the deterministic estimate within its bounds, and retain the observed outcome and any proposed correction separately.

OUTPUT BLOCK

Record the refinement and evidence receipt; leave unsupported integration and physical claims explicit.

MEASUREMENT LABELS

- TelemetryRecord — authenticated or simulated origin, measurement and provenance
- RefinementState — deterministic estimate and covariance
- BoundedCorrection — proposed change and declared authority
- ObserverReceipt — baseline, evidence and preserved outcome

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Mix authenticated telemetry with simulated samples and exceed a correction envelope; preserve provenance, enforce bounds and report incomplete instrumentation.

DISCOVERY NAMES

Silent Guardian
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_reference_baseline_partial_integration.
Historical baseline package and tests were reported; their archives and tests were not freshly recovered or rerun in this pass.

Universal Elsa/JP/Joanna instrumentation and full active-runtime unification remained incomplete in the later review. Kalman refinement was deterministic estimation; fractal stability was a hypothesis and superdense coding was an ideal simulation, without physical-entanglement or performance-advantage evidence.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Aviator Cloud - Visual and measurement blueprints

MJPE-COMPLETE-20260925-AVIATOR-CLOUD-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Aviator Cloud / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> WorkspaceIdentity — Aviator product lane
-> ServiceBoundary — local or hosted responsibility
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Reconcile Aviator workspace, Bangel Cloud and Shekina roles while preserving their separate implementation and hosting evidence.

OUTPUT BLOCK

Present the requested cloud-facing identity and the exact source/deployment gaps.

MEASUREMENT LABELS

- WorkspaceIdentity — Aviator product lane
- ServiceBoundary — local or hosted responsibility
- ContinuityReference — related Shekina role
- DeploymentEvidence — actual connected environment

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Describe a cloud task without a recovered deployment contract; retain the proposed workspace relationship and mark hosting, execution and continuity support as unresolved.

DISCOVERY NAMES

Aviator Cloud
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: source_recovery_pending.
Aviator and cloud roles are historically documented; the exact combined product source and deployment remain pending.

Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

MJos Neurological Model - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MJOS-NEUROLOGICAL-MODEL-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJos Neurological Model / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> Observation — retained input and context
-> MemoryCandidate — recalled relation with uncertainty
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Retain observations, compare context and alternatives, preserve lowercase research states separately from runtime states and apply independent supervision.

OUTPUT BLOCK

Record a qualified software result without treating biological analogy as biological validation.

MEASUREMENT LABELS

- Observation — retained input and context
- MemoryCandidate — recalled relation with uncertainty
- PredictiveProposal — candidate outcome
- SupervisionDecision — independent gate and trace

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Retrieve a similar memory in a different context; preserve relation and uncertainty, then require independent supervision before any proposed decision is admitted.

DISCOVERY NAMES

MJos Neurological Model
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: source_recovery_pending.
Related Neural Net, Memory Recall and L5 histories are recovered; the exact older umbrella specification remains pending.
This is software research, not clinical or biological validation. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Mermaid Quantum Blockchain - Visual and measurement blueprints

MJPE-COMPLETE-20260925-MERMAID-QUANTUM-BLOCKCHAIN-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Mermaid Quantum Blockchain / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> LedgerInstruction — asset, account and intended operation
-> ExactAmount — units, scale and conservation rule
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Preserve the applicable profile, compare conservation and reconciliation rules, and separate internal reference behavior from external transfer or financial authority.

OUTPUT BLOCK

Record the profile-qualified result; retain missing integration and external-operation requirements.

MEASUREMENT LABELS

- LedgerInstruction — asset, account and intended operation
- ExactAmount — units, scale and conservation rule
- AdmissionEvidence — identity, scope and validated conditions
- LedgerReceipt — before/after state, evidence and reconciliation

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Map a Mermaid obligation to a ledger record; require an explicit semantic adapter and do not infer quantum security or a unified deployed chain.

DISCOVERY NAMES

Mermaid quantum blockchain
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.

Recovered status: related_sources_integration_pending.
Component histories are recovered separately; a completed integrated quantum blockchain, quantum-security advantage or production network has not been established. Historical evidence has not been rerun in this discovery pass.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

Perth - Visual and measurement blueprints

MJPE-COMPLETE-20260925-PERTH-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Perth / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> TargetState — desired bounded outcome
-> Measurement — actual state and uncertainty
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Represent targets, measurements, differences and permitted corrections through JP while keeping measurement separate from authority.

OUTPUT BLOCK

Record the admitted response and its observed consequence for reconciliation.

MEASUREMENT LABELS

- TargetState — desired bounded outcome
- Measurement — actual state and uncertainty
- AuthorizedCorrection — permitted response
- Reconciliation — observed consequence and retained difference

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Import a historical module into the consolidation map; preserve its historical status and prevent documentation inclusion from marking it active or integrated.

DISCOVERY NAMES

Perth
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: documented_successor_framework_proposal.
Recovered historical specification or architecture; no fresh product execution is claimed.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.

MJos Quantum: Living Water - Visual and measurement blueprints

MJPE-COMPLETE-20260925-LIVING-WATER-YELLOW | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJos Quantum: Living Water / Yellow

MJ Physics Engineering | Bangel Language | MJos Operating System
Owned and operated by Michael Bangel | Clearwater, Florida

LOGICAL INFORMATION FLOW

Declared purpose and source identity
-> FacilityContext — existing process, scale and purpose
-> OperatingEvidence — units, calibration, uncertainty and provenance
-> source-specific validation
-> bounded procedure
-> result, status and evidence reference

PROCEDURE BLOCK

Model water and energy flows, expose cost assumptions, capture variance and QSHM evidence, and evaluate bounded recovery proposals under operator authority.

OUTPUT BLOCK

Produce a traceable design or retrofit scenario, state what is verified, and hold physical deployment claims until their own evidence exists.

MEASUREMENT LABELS

- FacilityContext — existing process, scale and purpose
- OperatingEvidence — units, calibration, uncertainty and provenance
- ScenarioBudget — assumptions and projections separated from verified savings
- WaterSystemReceipt — accepted or held outcome, authority and lineage

DIAGRAM BOUNDARY

This blueprint describes information flow, not physical dimensions, a fabricated device, calibrated scale or approved traversal through historical diagrams. Hardware and geometric interpretations need their own measured mapping.

PROFILE CHECK

Compare a projected retrofit saving with verified facility measurements; preserve the stated zero verified savings and require independent water-quality and hardware evidence before physical deployment claims.

DISCOVERY NAMES

MJos Living Water; Living Water
These names aid search; current compiler naming remains Elsa.

SOURCE STATUS AND LIMITS

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun.
Recovered status: historical_website_and_reference_design_not_physical_validation.
Historical website and reference-design evidence; no physical water-quality, hardware-performance or cyber-survival validation. The 57% savings target was explicitly $0 verified savings. A later user correction focuses the platform on retrofitting existing facilities.

SOURCE REFERENCES

PUBLIC SOURCE NOTE

Recovered historical design and project records informed this documentary profile. Original conversations remain private; current implementation and reported historical tests were not rerun. This edition publishes the reconciled project description, without redistributing private messages or unverified release URLs.