

Pink / 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 - Gateway, lifecycle and evidence

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

Elsa Compiler / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Compiles Bangel source through parsing, name resolution, unit and semantic checks, lowering and verification into typed JP-IR.

IDENTITY AND RELATIONSHIPS

Current compiler in the Bangel toolchain; carries the historical semantic-recovery role.

REQUEST TO RESULT

IF

The source unit declares its Bangel grammar, dependencies and effects, and its exact bytes are available.

HOW

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.

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-JP-REPRESENTATION-PINK | Source-backed documentary sequence — execution not rerun

JP Representation / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Carries canonical typed mathematical, algorithmic and architecture representations. The general toolchain emits JP-IR/1 for independent admission before execution.

IDENTITY AND RELATIONSHIPS

JP-IR/1, JP-CIR and proposed JPArchitectureIR retain separate contracts.

REQUEST TO RESULT

IF

A representation declares its own protocol, canonical bytes, source lineage, types and bounded effects.

HOW

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.

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-JOANNA-RUNTIME-PINK | Source-backed documentary sequence — execution not rerun

Joanna Processing / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Executes independently admitted Bangel JP-IR under bounded runtime rules and produces digest-bound evidence receipts.

IDENTITY AND RELATIONSHIPS

Current Bangel runtime; JO appears as predecessor runtime lineage but also has a separately documented historical proof role.

REQUEST TO RESULT

IF
Independent admission accepted the exact JP representation and execution has a declared input binding and resource budget.

HOW

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

THEN

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.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

JO Proof and Verification / Pink

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

PURPOSE AND PROJECT PLACEMENT

Historical type, unit, proof, test and evidence-verification family, including bounded runtime results in the original papers.

IDENTITY AND RELATIONSHIPS

Preserve the source JO role while linking its runtime lineage to current Joanna.

REQUEST TO RESULT

IF

A historical JO obligation names the type, formula, evidence or bounded execution assertion being reviewed.

HOW

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.

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

MJ Governing Root / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Defines the source-level governing root, resource/admission boundary and final bounded decision role for the proposed MJ family context.

IDENTITY AND RELATIONSHIPS

Distinct from the MJ Physics Engineering company identity and from the implemented MJ Decision plugin.

REQUEST TO RESULT

IF

A requested effect has a declared purpose, reviewed evidence and an applicable implemented admission profile.

HOW

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.

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-BANGEL-ROBOTICS-PINK | Source-backed documentary sequence — execution not rerun

Bangel Robotics / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Robotics-focused measurement programming with typed evidence, unit-aware source and bounded computation through Elsa, JP and Joanna.

IDENTITY AND RELATIONSHIPS

Domain identity of Bangel Language; Teal Robotics is a separate bounded plugin.

REQUEST TO RESULT

IF

A robotics measurement declares quantity, units, coordinate frame, acquisition context and source profile.

HOW

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.

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-TEAL-ROBOTICS-PINK | Source-backed documentary sequence — execution not rerun

Teal Robotics / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Preserved simulation and shadow-control gate using native Bangel minority-risk source and near-miss templates.

IDENTITY AND RELATIONSHIPS

A distinct plugin under Bangel Robotics and the MJos predictive integration.

REQUEST TO RESULT

IF

A simulation or shadow-control proposal matches the preserved minority-risk profile and required gate evidence is available.

HOW

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.

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-BANGEL-NATIVE-SDK-PINK | Source-backed documentary sequence — execution not rerun

Bangel Native SDK / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

C# and .NET libraries for Bangel syntax, semantics, Elsa compilation, independent JP admission, Joanna runtime, numerics and host integration.

IDENTITY AND RELATIONSHIPS

Developer toolkit used alongside Engineering Studio; packages keep their own versioned contracts.

REQUEST TO RESULT

IF

A C# host supplies Bangel source and explicitly selects a managed compiler or separate reference-process client.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Bangel API / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Versioned public integration boundary for the source-backed Bangel compiler and runtime.

IDENTITY AND RELATIONSHIPS

Interface of Bangel Language, not a substitute compiler or runtime.

REQUEST TO RESULT

IF

A client selects a supported API operation and provides its required source or representation fields.

HOW

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.

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

MJPS Thermodynamics / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Bangel 0.1 MJPS component for bounded thermoelectric calculations, network proposals and deterministic reference simulation.

IDENTITY AND RELATIONSHIPS

Thermodynamic research identity with a recovered bounded steady thermoelectric reference component. The general Bangel 1.0 implementation remains a separate profile.

REQUEST TO RESULT

IF

A thermoelectric reference program declares its 0.1 domain grammar and bounded module, observation and demand inputs.

HOW

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

THEN

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.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-MJMRI-PINK | Source-backed documentary sequence — execution not rerun

MJmri MRI Imaging / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Authored Bangel research profiles for typed MRI-related representations, evidence and interoperability contracts.

IDENTITY AND RELATIONSHIPS

Authored MRI imaging research profiles retain distinct representation and receipt contracts. Elsa is the compiler identity; native integration and Joanna processing remain separately evidenced obligations.

REQUEST TO RESULT

IF

A non-clinical imaging research case declares its source artifacts, units, profile and intended bounded calculation.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution 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 - Gateway, lifecycle and evidence

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

MJMRI Optical Research / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Keeps observed camera evidence, inferred surface geometry, synthetic anatomy priors and genuine MR evidence in separate classes.

IDENTITY AND RELATIONSHIPS

Specialized MJMRI profile; camera evidence is not MRI.

REQUEST TO RESULT

IF

An optical frame has a source identity and is explicitly classified as camera evidence.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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

Cubix - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-CUBIX-PINK | Source-backed documentary sequence — execution not rerun

Cubix / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Rooted multiresolution spatial cells carry pixel bounds, source identity, grid index and node points for an external scene.

IDENTITY AND RELATIONSHIPS

Governed representation inside MJMRI Optical Research, not a separately recovered application.

REQUEST TO RESULT

IF

A spatial cell declares its source frame, pixel bounds, grid index and parent resolution.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-MJ-MEMORY-KERNEL-PINK | Source-backed documentary sequence — execution not rerun

MJ Memory Kernel Adapters / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Local episodic lifecycle, checkpoints, recovery and candidate evaluation executed through Bangel, JP admission and Joanna.

IDENTITY AND RELATIONSHIPS

Component of MJ Memory Recall, with non-installing update assessment.

REQUEST TO RESULT

IF

A memory operation addresses an explicit namespace, frame, generation and allowed lifecycle transition.

HOW

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.

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-MJ-FOOTBALL-PLAYBOOK-PINK | Source-backed documentary sequence — execution not rerun

MJ Football Playbook / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Episodic recall and physics-football playbook projection preserve source curves, command history and selection identities.

IDENTITY AND RELATIONSHIPS

Domain overlay used by MJ Memory Recall; schematic coordinates are not calibrated robot dynamics.

REQUEST TO RESULT

IF

A recall query supplies the original frame, an eligible playbook selection and available command-history context.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-MJ-EGO-REV-PINK | Source-backed documentary sequence — execution not rerun

MJ EGO REV / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Indexed Bangel and native C# modules define an energy ledger, battery and thermal inputs, transition rules and append-only audit receipts.

IDENTITY AND RELATIONSHIPS

Separate product from the associated core referenced by the later Teal library.

REQUEST TO RESULT

IF

An energy-model request declares source classes, units, uncertainty, tolerances and current transition mode.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

MJos Quantum Security / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

The associated-core source index records entropy health, protection, policy, receipts and self-healing-key modules.

IDENTITY AND RELATIONSHIPS

Related to the existing Quantum Systems and Hagar / Water Protection entries; older bridge and policy filenames retain private source provenance.

REQUEST TO RESULT

IF

A research protection event has a declared source, relevant entropy-health evidence and explicit integrity signals.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-MIKA-PHYSICS-PINK | Source-backed documentary sequence — execution not rerun

Mika / MK Physics / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Physics Modulator System for dimensional, conservation, boundary, scale, and evidence representation.

IDENTITY AND RELATIONSHIPS

Named family identity; separate from color-paper identity.

REQUEST TO RESULT

IF

A JP representation identifies quantities, units, control volume, scale and available measurement evidence.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-ANGELS-SAFETY-PINK | Source-backed documentary sequence — execution not rerun

Angels Safety / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Domain-specific observation, telemetry, hold, denial, and corrective-command family.

IDENTITY AND RELATIONSHIPS

Named family identity; separate from color-paper identity.

REQUEST TO RESULT

IF

A command or state change falls within an Angel's declared domain and required telemetry is available.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-BELLATRIX-PINK | Source-backed documentary sequence — execution not rerun

Bellatrix Defense / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Independent defense, challenge, quarantine, hostile-deviation analysis, and denial.

IDENTITY AND RELATIONSHIPS

Named family identity; separate from color-paper identity.

REQUEST TO RESULT

IF

An intake, custody or execution boundary requires a defense challenge with known scope and evidence identity.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Sister Prediction and Containment / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Predictive digital twin, preallocation evidence, anomaly detection, umbrella collection, and canonical physical containment request.

IDENTITY AND RELATIONSHIPS

Named family identity; separate from color-paper identity.

REQUEST TO RESULT

IF

A monitored profile declares its primary Sister, failure strategy, observations and reserve/containment scope.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution 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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-EVE-PINK | Source-backed documentary sequence — execution not rerun

EVE Variance and Egress / Pink

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

PURPOSE AND PROJECT PLACEMENT

Variance, evaporative effect, screen capture, leakage, smoke-like egress, and boundary-accounting evidence.

IDENTITY AND RELATIONSHIPS

Named family identity; separate from color-paper identity.

REQUEST TO RESULT

IF
A profile declares its boundary and which intake, capture, leakage or egress quantities are actually observable.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Mary / M3 Routing / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Bounded routing, API gateway, load balancing, connection pooling, and allocation stewardship.

IDENTITY AND RELATIONSHIPS

Named family identity; separate from color-paper identity.

REQUEST TO RESULT

IF

An admitted request has an applicable MJ lease and source-backed target capacity.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-MERMAID-PINK | Source-backed documentary sequence — execution not rerun

Mermaid Reconciliation / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Accounting, reconciliation, exposure, custody evidence, statements, tax lots, and financial consequence.

IDENTITY AND RELATIONSHIPS

Named family identity; separate from color-paper identity.

REQUEST TO RESULT

IF

A custody/accounting event supplies origin, acquisition record, account scope and required profile evidence.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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-BA>

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-SHIVA-PINK | Source-backed documentary sequence — execution not rerun

Shiva Capital Models / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Finance, money, treasury, liquidity, capital-job classification, risk/opportunity analysis, and distribution proposal.

IDENTITY AND RELATIONSHIPS

Named family identity; separate from color-paper identity.

REQUEST TO RESULT

IF

A capital-model request declares purpose, liquidity constraints, account evidence and internal scope.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-SHEKINA-PINK | Source-backed documentary sequence — execution not rerun

Shekina Continuity / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Distributed placement, replication, continuity, and infrastructure evidence.

IDENTITY AND RELATIONSHIPS

Named family identity; separate from color-paper identity.

REQUEST TO RESULT

IF

Placement declares artifact versions, scope, resource bounds and continuity requirements.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-BELLE-PINK | Source-backed documentary sequence — execution not rerun

Belle Engineering / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Engineering analysis, feasibility, topology review, and bounded proposals.

IDENTITY AND RELATIONSHIPS

Named family identity; separate from color-paper identity.

REQUEST TO RESULT

IF

A design request supplies architecture, physics evidence and measurable feasibility criteria.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-AVIATOR-PINK | Source-backed documentary sequence — execution not rerun

Aviator Workspace / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Organizational workspace, projects, decisions, roles, knowledge, and governed workflow.

IDENTITY AND RELATIONSHIPS

Named family identity; separate from color-paper identity.

REQUEST TO RESULT

IF

An organizational request identifies workspace, role, project and intended record operation.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-CHI-PINK | Source-backed documentary sequence — execution not rerun

CHI Temporal Variance / Pink

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

PURPOSE AND PROJECT PLACEMENT

Temporal variance and expected-observed-delivered-reconciled difference state.

IDENTITY AND RELATIONSHIPS

Named family identity; separate from color-paper identity.

REQUEST TO RESULT

IF

A comparison identifies expected, observed, delivered and reconciled states under a named CHI profile.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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

WATER Uncertainty - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-WATER-PINK | Source-backed documentary sequence — execution not rerun

WATER Uncertainty / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Interval uncertainty, verified floor, and bounded unknown-state classification.

IDENTITY AND RELATIONSHIPS

Named family identity; separate from color-paper identity.

REQUEST TO RESULT

IF

An uncertainty classification supplies intervals, verified floors and evidence limits under the WATER family profile.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-JP-SEMICONDUCTOR-PHONE-PINK | Source-backed documentary sequence — execution not rerun

JP Semiconductor Phone / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Explore semiconductor-scale static intake, power wake, solar assist, battery, and operating-system integration.

IDENTITY AND RELATIONSHIPS

Product profile within JP; status from the original product register is retained.

REQUEST TO RESULT

IF

A phone-scale design declares scale, intake, battery and wake/reserve assumptions.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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

JP Marine Power - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-JP-MARINE-POWER-PINK | Source-backed documentary sequence — execution not rerun

JP Marine Power / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Explore large-scale static intake, solar initiation, power bus, containment, and marine power integration.

IDENTITY AND RELATIONSHIPS

Product profile within JP; status from the original product register is retained.

REQUEST TO RESULT

IF

A marine proposal names vessel context, intake, storage, power bus and containment assumptions.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-JP-PEACEFUL-PROPULSION-PINK | Source-backed documentary sequence — execution not rerun

JP Peaceful Propulsion / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Explore peaceful propulsion measurement and control under non-weaponization, safety, and regulatory gates.

IDENTITY AND RELATIONSHIPS

Product profile within JP; status from the original product register is retained.

REQUEST TO RESULT

IF

A peaceful propulsion research request declares purpose, measurement boundary and unresolved safety gates.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-SHIVA-RAILS-PINK | Source-backed documentary sequence — execution not rerun

Shiva Dual Rails / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Separate stability/cash functions from investment and crypto risk while preserving liquidity-first ethics.

IDENTITY AND RELATIONSHIPS

Product profile within MJ; status from the original product register is retained.

REQUEST TO RESULT

IF

An internal scenario separates stability and investment purposes with applicable account evidence.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-SHIVAS-INTERNAL-PINK | Source-backed documentary sequence — execution not rerun

SHIVAS Internal Reflection / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System
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PURPOSE AND PROJECT PLACEMENT

Represent internal capital reflections without minting, redemption, public offer, or value guarantee.

IDENTITY AND RELATIONSHIPS

Product profile within SHIVA; status from the original product register is retained.

REQUEST TO RESULT

IF

An internal reflection names its source capital model and nontransferable boundary.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-SHIVA-EXCHANGE-PINK | Source-backed documentary sequence — execution not rerun

Shiva Exchange Reference / Pink

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

PURPOSE AND PROJECT PLACEMENT

Model transparent price-time, custody, audit, tax, and transfer rules without operating a market.

IDENTITY AND RELATIONSHIPS

Product profile within SHIVA; status from the original product register is retained.

REQUEST TO RESULT

IF

An exchange-rule simulation declares fixtures, price-time rules and custody/audit assumptions.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Elsa Marketplace Reference / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Coordinate semantic listings, workflow, accounting, execution, and resource evidence without live market authority.

IDENTITY AND RELATIONSHIPS

Product profile within MJ; status from the original product register is retained.

REQUEST TO RESULT

IF

An internal listing supplies meaning, workflow scope and required accounting/resource references.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Bangel Spreadsheets / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Provide governed spreadsheet-like operational modeling through typed measurement cells, immutable revisions, Pearl simulation partitions, deterministic recalculation, concurrency control, and audit evidence.

IDENTITY AND RELATIONSHIPS

Product profile within Bangel; status from the original product register is retained.

REQUEST TO RESULT

IF

A workbook edit supplies typed cells, an expected revision and dependency/simulation context.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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_prepaskey.

REFERENCE_MVP_PREPASKEY

SOURCE REFERENCES

- Recovered nonwhite collection, page 1397

<https://drive.google.com/file/d/1RpxuVZjdCHSITNXIZZuWacJ1BNBAPCLv/view#page=1397>

SOURCE REFERENCES

JPOSMJ Portfolio - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-JPOSMJ-PORTFOLIO-PINK | Source-backed documentary sequence — execution not rerun

JPOSMJ Portfolio / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Bind every JP-origin product candidate through MK physics representation, JO verification, participant evidence, and MJ bounded permit classification.

IDENTITY AND RELATIONSHIPS

Product profile within JP; status from the original product register is retained.

REQUEST TO RESULT

IF

A product candidate declares origin and independent physics, verification and participant-review requirements.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-STANDARD-CONTAINMENT-PINK | Source-backed documentary sequence — execution not rerun

MJ Standard Containment / Pink

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

PURPOSE AND PROJECT PLACEMENT

Provide a scale-independent rectangle/cone/Sister/EVE/reservoir calculation standard and H2 reference-gas observation profile.

IDENTITY AND RELATIONSHIPS

Product profile within MJ; status from the original product register is retained.

REQUEST TO RESULT

IF

A reference calculation declares normalized geometry, scale, gas profile and boundary conditions.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution 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

MJ Reservoir Collection - Gateway, lifecycle and evidence

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

MJ Reservoir Collection / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Model the rear reservoir loop, exterior outlet, lake-like buffer, circular inward/tangential re-entry, wave/friction references, adaptive sizing, and full Sister/EVE/Angel/M3/MK/JO/Mermaid/Shiva/MJ transaction path.

IDENTITY AND RELATIONSHIPS

Product profile within MJ; status from the original product register is retained.

REQUEST TO RESULT

IF

A reservoir model identifies collection, outlet, buffer, re-entry and wave/friction assumptions.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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

MJos Solar Core - Gateway, lifecycle and evidence

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

MJos Solar Core / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Provide the common JP-origin governed solar and energy-management architecture shared by the phone, marine, and peaceful rocket/spacecraft profiles.

IDENTITY AND RELATIONSHIPS

Product profile within MJ; status from the original product register is retained.

REQUEST TO RESULT

IF

A solar design selects its application profile and declares intake, storage, load and reserve assumptions.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution 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 - Gateway, lifecycle and evidence

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

MJos Solar Phone / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Provide solar-assisted phone battery and operating-system power integration with governed energy intake, battery/thermal observation, reserve allocation, workload-aware coordination, provenance, and measurable accounting.

IDENTITY AND RELATIONSHIPS

Product profile within MJ; status from the original product register is retained.

REQUEST TO RESULT

IF

A phone-power scenario declares solar input, battery/thermal observations, workload and wake reserves.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

MJos Solar Marine / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Provide solar-assisted marine energy intake, storage, propulsion-load coordination, conversion/recovery, thermal management, reserve protection, operating-system control, telemetry, and evidence-backed state transitions.

IDENTITY AND RELATIONSHIPS

Product profile within MJ; status from the original product register is retained.

REQUEST TO RESULT

IF

A marine scenario declares intake, storage, propulsion loads, thermal requirements and critical reserves.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-SOLAR-SPACECRAFT-PINK | Source-backed documentary sequence — execution not rerun

MJos Solar Spacecraft / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Provide a non-weaponized reference architecture for solar-assisted avionics/electrical reserve, propulsion-state coordination, thermal/battery management, authenticated startup/shutdown, telemetry, fault isolation, and emergency-state control.

IDENTITY AND RELATIONSHIPS

Product profile within MJ; status from the original product register is retained.

REQUEST TO RESULT

IF

A peaceful spacecraft reference declares mission scope, electrical reserves, thermal/battery state and startup/shutdown evidence requirements.

HOW

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

THEN

Return a peaceful research trace with safety holds preserved.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

DRO Collection / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Represent typed collection, scale, unit, state, lineage, and conservation for elements or variance observations.

IDENTITY AND RELATIONSHIPS

Product profile within MJ; status from the original product register is retained.

REQUEST TO RESULT

IF

A collection record declares identity, quantity, scale, source and evidence state.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-DRO-PEARL-HANDOFF-PINK | Source-backed documentary sequence — execution not rerun

DRO–Pearl Handoff / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Allocate DRO records into Pearl computational nodes while preserving typed capacity and receipts.

IDENTITY AND RELATIONSHIPS

Product profile within MJ; status from the original product register is retained.

REQUEST TO RESULT

IF

DRO and Pearl identities declare compatible quantity/capacity types and a bounded computational handoff.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-DRO-START-RESERVE-PINK | Source-backed documentary sequence — execution not rerun

DRO Start and Reserve / Pink

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

PURPOSE AND PROJECT PLACEMENT

Represent source, start-energy, restart-reserve, conversion, and permit gates without authorizing ignition hardware.

IDENTITY AND RELATIONSHIPS

Product profile within MJ; status from the original product register is retained.

REQUEST TO RESULT

IF

A start/restart reference scenario declares source energy, conversion assumptions and protected reserves.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Lecanto Image Truth / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Preserve image source identity, analyze signal variance, label transformations, and create bounded intent hypotheses.

IDENTITY AND RELATIONSHIPS

Product profile within MJ; status from the original product register is retained.

REQUEST TO RESULT

IF

Image analysis preserves original source identity and declares its comparison or transformation purpose.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-SEMICONDUCTOR-DRO-PEARL-PINK | Source-backed documentary sequence — execution not rerun

JP Semiconductor DRO–Pearl / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Integrate DRO energy and measurement accounting with Pearl computational nodes and semiconductor wake/reserve logic.

IDENTITY AND RELATIONSHIPS

Product profile within MJ; status from the original product register is retained.

REQUEST TO RESULT

IF

A proposal binds energy accounting, computational capacity and wake/reserve assumptions to one semiconductor scale.

HOW

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

THEN

Return a planned integration trace with unresolved hardware evidence.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-SHIVA-DAY1-PINK | Source-backed documentary sequence — execution not rerun

Shiva Internal Banking Reference / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System
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PURPOSE AND PROJECT PLACEMENT

Internal banking, settlement, treasury, accounts and audit reference objective under Mermaid, M3, JO, MK and MJ boundaries.

IDENTITY AND RELATIONSHIPS

Later Grey register names an internal-only objective in place of the Blue catalog position that described disabled external crypto.

REQUEST TO RESULT

IF

An internal Day-1 objective states account, treasury, settlement and audit scope.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-SHIVA-CRYPTO-LEGACY-PINK | Archive reference — disabled

Shiva Crypto Legacy Candidate / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System
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PURPOSE AND PROJECT PLACEMENT

Earlier Blue product entry records a separately governed external crypto candidate explicitly disabled and on active hold.

IDENTITY AND RELATIONSHIPS

Later Grey register records an internal-only Day-1 objective; do not silently merge the two statuses.

REQUEST TO RESULT

IF

A reader must reconcile the earlier disabled Blue entry with the later internal-only Grey register.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Shiva Shells / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

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PURPOSE AND PROJECT PLACEMENT

Governed account envelopes carrying typed financial representations, source lineage, evidence and bounded relationships.

IDENTITY AND RELATIONSHIPS

Distinct from Shiva capital proposals and SHIVAS internal reflections. The envelope cannot authorize itself.

REQUEST TO RESULT

IF

A Shiva Shell identifies its typed financial state, source lineage and applicable account-envelope contract.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-MJOS-OPERATING-SYSTEM-PINK | Source-backed documentary sequence — execution not rerun

MJos Operating System / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Operating-system and infrastructure substrate identity for bounded resources, memory, storage, network, scheduling and continuity under the applicable MJ profile.

IDENTITY AND RELATIONSHIPS

Distinct operating-system identity under MJ Physics Engineering. Existing hosted Bangel components and the MJos Predictive Model do not by themselves prove a completed bootable operating system.

REQUEST TO RESULT

IF

An operating-system profile declares its resource, memory, storage, scheduling and continuity obligations under the applicable MJ scope.

HOW

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.

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution 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 - Gateway, lifecycle and evidence

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

Bangel Database 1.0 / Pink

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

PURPOSE AND PROJECT PLACEMENT

Governed transaction and database work derived from the E012 sequence, with typed representation and runtime reconciliation.

IDENTITY AND RELATIONSHIPS

Related identities: JP; Joanna Processing; GIN. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A query or transaction names its schema, purpose, expected effects and required permissions.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Moana Service Desk / Pink

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

PURPOSE AND PROJECT PLACEMENT

C# service workflow for customers, vessels, tickets, assignments, technician permissions, checklists, readings and service records.

IDENTITY AND RELATIONSHIPS

Related identities: Moana; C# Engineering Studio. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A user selects a documented workflow with the required record and role context.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

MJ Logical Layer 5 / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Supervises neural and predictive proposals with independent gate precedence, operating modes, deadlines and recovery policy.

IDENTITY AND RELATIONSHIPS

Related identities: MJ Neural Net; MJ Memory Recall; MJos Predictive Model. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A neural or predictive proposal reaches the supervising decision layer.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

MjQ / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Research family connecting structured language and JP concepts with qualified associative-memory and relational-context ideas.

IDENTITY AND RELATIONSHIPS

Related identities: JP; MJ Neural Net; MJ Neural Logic. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A research claim links language states, memory or relational context.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

MJos Self-Healing Kernel / Pink

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

PURPOSE AND PROJECT PLACEMENT

Checkpoints state, contains runaway execution, supports recovery and evaluates proposed prediction updates with separate validation evidence.

IDENTITY AND RELATIONSHIPS

Related identities: MJ Memory Recall; MJos Operating System; Teal. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A detected failure or discrepancy requests a recovery action.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Predictive Node Placement / Pink

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

PURPOSE AND PROJECT PLACEMENT

Uses the previous verified outcome and earliest meaningful observation of the next command to prepare placement, then records actual outcome and variance.

IDENTITY AND RELATIONSHIPS

Related identities: MJos Predictive Model; Teal; MJ Neural Net. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A named mechanism is used in a project explanation or proposed computation.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Teal Ledger / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Development ledger and contract execution family with exact decimal amounts, signed allocations, token-linked GIN evidence and mirror recovery.

IDENTITY AND RELATIONSHIPS

Related identities: SHIVAS; Shell Accounts; GIN; MJos Self-Healing Kernel. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A proposed ledger instruction identifies its asset, account, exact amount and admitted scope.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

SHIVAS Ledger Profile / Pink

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

PURPOSE AND PROJECT PLACEMENT

Named asset in the Teal development ledger, using exact atomic balances and governed transfers.

IDENTITY AND RELATIONSHIPS

Related identities: SHIVAS Internal Reflection; Shiva; Shiva Shells; Teal Ledger. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A SHIVAS record is interpreted or used in a ledger example.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

MJ Digital Twin / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Records observations and compares predicted and received command behavior within development workflows.

IDENTITY AND RELATIONSHIPS

Related identities: MJos Predictive Model; Teal Ledger. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A digital model receives an observation and proposes a future or alternative state.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

MJ Quantum Water Protection / Pink

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

PURPOSE AND PROJECT PLACEMENT

Water-protection project associated with Hagar, combining software references and preliminary engineering designs.

IDENTITY AND RELATIONSHIPS

Related identities: Hagar; Bangel Language. Preserve each named contract and source status.

REQUEST TO RESULT

IF
A water-system design or protective action is evaluated.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Bangel Cloud / Pink

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

PURPOSE AND PROJECT PLACEMENT

Project and document workspace with build environments, importing, search, backups and planned hosted access.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Workspace; Shekina; Bangel Physics Lab; Bangel Statistics Lab. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A project enters a local workspace or a proposed hosted environment.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Bangel Workspace / Pink

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

PURPOSE AND PROJECT PLACEMENT

Local project workspace retaining source imports, experiments, learning material and recoverable checkpoints.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Cloud; Physics Lab; Statistics Lab. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A project document, program or experiment is added to the workspace.

HOW

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

THEN

Expose a traceable project view and explicit recovery boundary.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Bangel Physics Lab / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Interactive foundational physics formulas, adjustable inputs, plots and downloadable language examples.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Workspace; Bangel Language. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A learner changes a documented example or experiment.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Bangel Statistics Lab / Pink

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

PURPOSE AND PROJECT PLACEMENT

Statistics experiments with descriptive measures, plots, probability/bootstrap lessons, saved data and exports.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Workspace; Bangel Language. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A learner changes a documented example or experiment.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

MJ Encrypted Message API / Pink

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

PURPOSE AND PROJECT PLACEMENT

C# API and demonstration client for authenticated encrypted messages with explicit tamper-detection and replay limitations.

IDENTITY AND RELATIONSHIPS

Related identities: C# Engineering Studio. Preserve each named contract and source status.

REQUEST TO RESULT

IF
A request arrives under the documented protocol.

HOW

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

THEN

Report the supported acceptance result without implying checks the protocol does not implement.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Bangel Interoperability / Pink

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

PURPOSE AND PROJECT PLACEMENT

Language-neutral API and bindings across supported Python, JavaScript/TypeScript, C++, Rust and R integration tracks.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Language; JP; Joanna Processing. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A host language calls a documented Bangel interface.

HOW

Match protocol, representation and ownership rules; keep adapter behavior separate from native-language implementation claims.

THEN

Return a profile-qualified result and record which parity evidence actually covers the binding.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-BANGEL-TEACHING-PATHWAY-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Teaching Pathway / Pink

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

PURPOSE AND PROJECT PLACEMENT

Progressive explanations and paired C#/Bangel lessons covering language fundamentals, variance, GIN and node logic.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Language; C# Engineering Studio. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A learner follows a Bangel or paired C#/Bangel lesson.

HOW

Use examples grounded in the selected implemented grammar and explain matching and differing semantics.

THEN

Provide a reproducible exercise and distinguish teaching shorthand from executable syntax.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-JAVA-WORK-ORDER-API-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Java Work Order API / Pink

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

PURPOSE AND PROJECT PLACEMENT

Assisted Java/Spring REST starter for work orders, validation, persistence, status transitions and structured errors.

IDENTITY AND RELATIONSHIPS

Related identities: Engineering Studio; Java Learning Pathway. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A learner changes a documented example or experiment.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-ARTIFACT-INTEGRITY-SERVICE-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Artifact Integrity Service / Pink

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

PURPOSE AND PROJECT PLACEMENT

Proposed Java service for deterministic file manifests and detection of added, missing, modified, duplicate or unsafe files.

IDENTITY AND RELATIONSHIPS

Related identities: Java Work Order API; Bangel Interoperability. Preserve each named contract and source status.

REQUEST TO RESULT

IF

An artifact-integrity workflow is proposed for a software package.

HOW

Define the deterministic inventory and comparison contract, identify unsafe paths and distinguish design requirements from built functionality.

THEN

Produce a reviewable specification and explicit implementation status.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-MANIFEST-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Manifest / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Separate Tide Casa vertical for models and influencers, with profiles, booking concepts and creator presentation.

IDENTITY AND RELATIONSHIPS

Related identities: Tide Casa. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A creator or visitor explores the Manifest prototype.

HOW

Follow the documented presentation and booking flow while retaining its separate project boundary and identifying simulations.

THEN

Return the prototype outcome without implying live payments, notifications or availability.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-TIDE-CASA-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Tide Casa / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Customer-facing application business and service platform, with BarTide as its restaurant vertical.

IDENTITY AND RELATIONSHIPS

Related identities: BarTide; Engineering Studio; MJ Physics Engineering. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A client defines a website or application need.

HOW

Map it to the supported product lane and documented delivery workflow, preserving the distinction between approved builds and historical prototypes.

THEN

Present a traceable preview or bounded delivery result with its current evidence.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-VARIANCE-CAPTURE-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Variance Capture / Pink

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

PURPOSE AND PROJECT PLACEMENT

Records the difference between predictions and observed outcomes without erasing uncertainty or granting new authority.

IDENTITY AND RELATIONSHIPS

Related identities: GIN; Predictive Node Placement; MJos Predictive Model. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A named mechanism is used in a project explanation or proposed computation.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-VARIANCE-POOL-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Variance Pool / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Named allocation and evidence concept in the historical language and teaching material.

IDENTITY AND RELATIONSHIPS

Related identities: GIN; Teal; MJ Permission. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A named mechanism is used in a project explanation or proposed computation.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Rain / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Named concept in the variance and predictive-node documentation family.

IDENTITY AND RELATIONSHIPS

Related identities: GIN; Umbrella; Pearls. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A named mechanism is used in a project explanation or proposed computation.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Umbrella / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Named concept associated with variance, GIN and node logic.

IDENTITY AND RELATIONSHIPS

Related identities: GIN; Rain; Smoke. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A named mechanism is used in a project explanation or proposed computation.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Smoke / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Named concept in the variance, GIN and node-logic teaching sequence.

IDENTITY AND RELATIONSHIPS

Related identities: GIN; Umbrella. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A named mechanism is used in a project explanation or proposed computation.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

BlueWater / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Localized websites and apps for small businesses, beginning with Clearwater and designed for regional editions.

IDENTITY AND RELATIONSHIPS

Related identities: Lola; Tide Casa. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A local business selects a documented BlueWater service.

HOW

Keep the regional needs, scope and pilot evidence explicit and separate planning packages from deployed workflows.

THEN

Produce the supported service outline and next measurable delivery step.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Lola / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Customer-facing planning and concierge guide for the BlueWater service workflow, with package guidance and human handoff.

IDENTITY AND RELATIONSHIPS

Related identities: BlueWater. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A customer asks Lola for service or planning guidance.

HOW

Use the approved service information, preserve intentional voice interaction and route unsupported decisions to a human.

THEN

Give a grounded recommendation or clear handoff without inventing booking or payment completion.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-BANGEL-LEVERAGE-ANALYST-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Leverage Analyst / Pink

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

PURPOSE AND PROJECT PLACEMENT

Football analysis workspace for playbook geometry, film review, snap/formation/front/coverage/technique registration and evidence-qualified physics.

IDENTITY AND RELATIONSHIPS

Related identities: Physics Football; Lecanto; GIN. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A football play or film window is selected for analysis.

HOW

Separate modeled playbook structure from observed video and fallback context, then apply the documented review order and calibration requirements.

THEN

Return only the supported geometry or physics assessment with unresolved observation steps visible.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Bangel Leverage Physics Lab / Pink

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

PURPOSE AND PROJECT PLACEMENT

Educational video and physics lab with field calibration, tracking, timing and exportable receipts.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Leverage Analyst; Lecanto; GIN. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A learner selects video and supplies a supported calibration or tracking observation.

HOW

Compute the documented measurements from actual inputs and label manual timestamps, coordinates and inaccessible embedded frames.

THEN

Explain the derived educational measurement without implying automated film evidence.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-BANGEL-CYBERNETIC-FRAMEWORK-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Cybernetic Framework / Pink

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

PURPOSE AND PROJECT PLACEMENT

Connects targets, measurements, differences, authorized corrections, consequences and reconciliation through JP.

IDENTITY AND RELATIONSHIPS

Related identities: JP; GIN; Joanna Processing; MJ Permission. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A system compares an intended outcome with an observed state.

HOW

Represent targets, measurements, differences and permitted corrections through JP while keeping measurement separate from authority.

THEN

Record the admitted response and its observed consequence for reconciliation.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-MJOS-SOFTWARE-SUPPLY-TRUST-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJos Software Supply Trust / Pink

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

PURPOSE AND PROJECT PLACEMENT

Proposed software-assurance product connecting cryptographic dependencies, deterministic release evidence, authorization and recovery after signing-key compromise.

IDENTITY AND RELATIONSHIPS

Related identities: MJos Quantum; Bangel Language; JP; Joanna Processing. Preserve each named contract and source status.

REQUEST TO RESULT

IF
A software release or signing-key recovery scenario is reviewed.

HOW

Connect the observed build, dependency, authorization and recovery evidence without claiming absent scans or production integration.

THEN

Produce a bounded assurance record and the outstanding pilot/implementation requirements.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-MJOS-MARINE-TRUST-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJos Marine Trust / Pink

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

PURPOSE AND PROJECT PLACEMENT

Proposed trust layer for marine digital supply chains, connecting supplier firmware, vessel integration, service and fleet evidence.

IDENTITY AND RELATIONSHIPS

Related identities: MJos Quantum; Trust Gateway; MJ Marine. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A marine software artifact moves between supplier, installer and operator.

HOW

Track its source, version, authorization and service evidence across the declared vessel boundary.

THEN

Explain the qualified trust decision and the physical or deployment evidence still required.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

QSHM / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Custom hardware concept in the MJos Quantum security family, intended to follow validated software interfaces and customer use cases.

IDENTITY AND RELATIONSHIPS

Related identities: MJos Quantum; Trust Gateway. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A hardware concept is included in a system design.

HOW

Specify its intended interfaces and evidence requirements without substituting a software mock-up for physical validation.

THEN

Retain a reviewable hardware proposal and clearly identify the missing device evidence.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-TRUST-GATEWAY-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Trust Gateway / Pink

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

PURPOSE AND PROJECT PLACEMENT

Marine-facing hardware gateway concept for governed supplier, vessel and fleet evidence.

IDENTITY AND RELATIONSHIPS

Related identities: MJos Marine Trust; QSHM. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A hardware concept is included in a system design.

HOW

Specify its intended interfaces and evidence requirements without substituting a software mock-up for physical validation.

THEN

Retain a reviewable hardware proposal and clearly identify the missing device evidence.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

MJ Marine / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Engineering decision-twin service and reference-model family for propulsion, thermal, energy and repower comparisons.

IDENTITY AND RELATIONSHIPS

Related identities: MJ Physics Engineering; Marine Design-Decision Twin. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A vessel or propulsion decision has a defined objective and available data.

HOW

Compare a bounded set of alternatives using the applicable model and preserve sensitivity to uncertain inputs.

THEN

Provide an evidence-qualified engineering comparison and explicit data gaps.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-MARINE-DESIGN-DECISION-TWIN-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Marine Design-Decision Twin / Pink

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

PURPOSE AND PROJECT PLACEMENT

Compares a bounded set of vessel or propulsion design alternatives with explicit assumptions, uncertainty, data gaps and supporting evidence.

IDENTITY AND RELATIONSHIPS

Related identities: MJ Marine; MJ Physics Digital Twins. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A marine design decision is selected before hardware commitment.

HOW

Build the declared baseline, compare the specified alternatives and trace assumptions, uncertainty and validation limits.

THEN

Return a bounded model-based recommendation rather than an unmeasured physical-performance guarantee.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-MJ-PHYSICS-DIGITAL-TWINS-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJ Physics Digital Twins / Pink

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

PURPOSE AND PROJECT PLACEMENT

Circuit-board-style modeling practice connecting a physical system, pre-observation model, measurement, GIN variance and bounded decisions.

IDENTITY AND RELATIONSHIPS

Related identities: MJ Physics Engineering; GIN; Bangel Effect; MJ Marine. Preserve each named contract and source status.

REQUEST TO RESULT

IF
A physical system requires a design or control comparison.

HOW

Connect the model, measurement and GIN variance while distinguishing known physics, modeled propositions and untested research.

THEN

Present the supported comparison and validation needed for the next engineering decision.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Bangel Effect / Pink

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

PURPOSE AND PROJECT PLACEMENT

Named research concept presented alongside R0, GIN and IF/HOW/THEN within digital-twin architecture.

IDENTITY AND RELATIONSHIPS

Related identities: MJ Physics Digital Twins; GIN. Preserve each named contract and source status.

REQUEST TO RESULT

IF
A Bangel Effect claim is used in a visual or physical-model explanation.

HOW

State the proposed effect, distinguish it from established thermodynamic mechanisms and define a measurement that could confirm or challenge it.

THEN

Retain the research claim at the evidence level actually supported.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-BANGEL-MEDIA-COMPRESSOR-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Media Compressor / Pink

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

PURPOSE AND PROJECT PLACEMENT

JP-rooted media/compression development with exact arithmetic, resource receipts, codec staging and independently gated trial/rollback decisions.

IDENTITY AND RELATIONSHIPS

Related identities: JP; Joanna Processing; GIN. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A media transformation or compression candidate is proposed.

HOW

Identify the actual codec implementation, preserve original bytes and compare restoration, quality and performance evidence.

THEN

Record only the demonstrated result; partial AV1 work and third-party compression remain explicitly identified.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-CPP-SERVICE-ADAPTER-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel C++ Service Adapter / Pink

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

PURPOSE AND PROJECT PLACEMENT

C++17 adapter for calling the Bangel language service through the supported protocol.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Interoperability; JP; Joanna Processing. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A host application sends a request through the adapter.

HOW

Respect the selected service contract, ownership rules and response semantics rather than assuming complete native-language parity.

THEN

Return the documented result with platform and contract coverage attached.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-CPP-DECIMAL-LIBRARY-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

JP C++ Decimal Library / Pink

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

PURPOSE AND PROJECT PLACEMENT

Native decimal operations with a C interface and C++ wrapper.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Interoperability; R jpdecimal. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A supported decimal operation is requested through the native or R interface.

HOW

Preserve representation, rounding and ownership rules and compare behavior with the matching numeric contract.

THEN

Return the precise supported result or named failure without expanding the arithmetic guarantees.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-RUST-SERVICE-ADAPTER-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Rust Service Adapter / Pink

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

PURPOSE AND PROJECT PLACEMENT

Rust adapter with protocol handling, examples and tests for the language service.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Interoperability; JP; Joanna Processing. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A host application sends a request through the adapter.

HOW

Respect the selected service contract, ownership rules and response semantics rather than assuming complete native-language parity.

THEN

Return the documented result with platform and contract coverage attached.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 jpsservice - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-R-JPSERVICE-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

R jpsservice / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

R package for calling the Bangel language service.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Interoperability; JP; Joanna Processing. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A host application sends a request through the adapter.

HOW

Respect the selected service contract, ownership rules and response semantics rather than assuming complete native-language parity.

THEN

Return the documented result with platform and contract coverage attached.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

DISCOVERY NAMES

R jpsservice

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-R-JPDECIMAL-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

R jpdecimal / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

R package exposing the native decimal library.

IDENTITY AND RELATIONSHIPS

Related identities: JP C++ Decimal Library; Bangel Interoperability. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A supported decimal operation is requested through the native or R interface.

HOW

Preserve representation, rounding and ownership rules and compare behavior with the matching numeric contract.

THEN

Return the precise supported result or named failure without expanding the arithmetic guarantees.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Bangel Studios / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Music-production workspace combining drum, bass, strings and vocal lanes, instrument controls, project handling and evidence-aware processing.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Drums; Bangel Infinity; Bangel Media Compressor; Elsa Compiler; JP. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A musical sequence is created or edited.

HOW

Preserve event timing and user controls, identify the actual synthesis/export path and distinguish browser support from future native plug-in work.

THEN

Present the playable or exported result at the demonstrated capability level.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Bangel Drums / Pink

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

PURPOSE AND PROJECT PLACEMENT

Drum-sequencer branch of Bangel Studios with grid-based steps, drum voices, bass and synchronized musical lanes.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Studios; JP; Joanna Processing. Preserve each named contract and source status.

REQUEST TO RESULT

IF
A musical sequence is created or edited.

HOW

Preserve event timing and user controls, identify the actual synthesis/export path and distinguish browser support from future native plug-in work.

THEN

Present the playable or exported result at the demonstrated capability level.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Bangel Infinity / Pink

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

PURPOSE AND PROJECT PLACEMENT

Named processing profile within the historical Bangel Studios music workflow.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Studios. Preserve each named contract and source status.

REQUEST TO RESULT

IF

The named audio-processing profile is applied to an eligible studio input.

HOW

Trace the actual processing path and controls and compare output with the original rather than inferring superiority from the profile name.

THEN

Document the supported studio result and any independent-validation gap.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Bangel Compiler Lab / Pink

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

PURPOSE AND PROJECT PLACEMENT

Compiler and media-codec development lab with Elsa, rooted JP-IR, staged backend plans and explicit evidence gates.

IDENTITY AND RELATIONSHIPS

Related identities: Elsa Compiler; JP; Joanna Processing; Bangel Media Compressor. Preserve each named contract and source status.

REQUEST TO RESULT

IF
A compiler-lab source or codec stage is evaluated.

HOW

Compile only the supported profile through Elsa, preserve JP identity and distinguish completed development slices from blocked dependencies.

THEN

Produce the profile-qualified artifact and current implementation status.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-BANGEL-DEBT-ANALYTICS-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Debt Analytics / Pink

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

PURPOSE AND PROJECT PLACEMENT

Early debt-evaluation and negotiation analytics framework using layered modeling and calibrated constructs for complexity, difficulty, risk, opportunity and priority.

IDENTITY AND RELATIONSHIPS

Related identities: Construct Framework; MJos Predictive Model. Preserve each named contract and source status.

REQUEST TO RESULT

IF

An analytical construct is estimated from declared inputs.

HOW

Use one versioned construct definition and a traceable scoring policy, keeping calibration evidence separate from model design.

THEN

Return a qualified estimate and the evidence needed before decision or performance claims.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-CONSTRUCT-FRAMEWORK-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Construct Framework / Pink

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

PURPOSE AND PROJECT PLACEMENT

Reusable construct-estimation interface whose internal pipeline normalizes, orients, weights, aggregates and classifies inputs under declared rules.

IDENTITY AND RELATIONSHIPS

Related identities: Bangel Debt Analytics; MJos Predictive Model. Preserve each named contract and source status.

REQUEST TO RESULT

IF

An analytical construct is estimated from declared inputs.

HOW

Use one versioned construct definition and a traceable scoring policy, keeping calibration evidence separate from model design.

THEN

Return a qualified estimate and the evidence needed before decision or performance claims.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-BLUEWATER-STUDIO-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

BlueWater Studio / Pink

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

PURPOSE AND PROJECT PLACEMENT

White-label website and application delivery lane within the historical BlueWater service platform.

IDENTITY AND RELATIONSHIPS

Related identities: BlueWater; Lola; Engineering Studio. Preserve each named contract and source status.

REQUEST TO RESULT

IF
A client defines a website or application need.

HOW

Map it to the supported product lane and documented delivery workflow, preserving the distinction between approved builds and historical prototypes.

THEN

Present a traceable preview or bounded delivery result with its current evidence.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-BANGEL-DOCUMENT-LIBRARY-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Document Library / Pink

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

PURPOSE AND PROJECT PLACEMENT

Earlier searchable archive with namesake collections, color organization and page-level indexing; source lineage for the current Teal library.

IDENTITY AND RELATIONSHIPS

Related identities: Teal Library; MJ Physics Engineering. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A document or historical collection is added to the library.

HOW

Preserve its source identity and coverage, apply current display terminology and distinguish indexed text from recovered original bytes.

THEN

Provide searchable, traceable records with missing sources and historical boundaries visible.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-BANGEL-VISUAL-EFFECTS-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Bangel Visual Effects / Pink

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

PURPOSE AND PROJECT PLACEMENT

User-named visual-effects project within the Bangel family. Recover its exact source and feature boundaries while relating it to the separate Lecanto rendering and Bangel Effect research records.

IDENTITY AND RELATIONSHIPS

Related identities: Lecanto; Bangel Effect; Bangel Language. Preserve each named contract and source status.

REQUEST TO RESULT

IF
The Bangel Visual Effects identity is prepared for the catalog.

HOW

Recover its original scope and compare it with Lecanto and Bangel Effect without assuming they are the same product.

THEN

Show the requested identity with a source-recovery status until its independent capabilities are grounded.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-SILENT-GUARDIAN-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Silent Guardian / Pink

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

PURPOSE AND PROJECT PLACEMENT

Observes transaction behavior and refines deterministic estimates while preserving the distinction between authenticated and simulated telemetry, bounded corrections and hardened evidence receipts.

IDENTITY AND RELATIONSHIPS

Related identities: Elsa Compiler; JP Representation; Joanna Processing; GIN Measurement; MJos Quantum Security; Perth. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A transaction supplies an eligible observation under a declared Silent Guardian profile.

HOW

Bind telemetry origin and provenance, update the deterministic estimate within its bounds, and retain the observed outcome and any proposed correction separately.

THEN

Record the refinement and evidence receipt; leave unsupported integration and physical claims explicit.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Aviator Cloud / Pink

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

PURPOSE AND PROJECT PLACEMENT

User-named cloud-facing Aviator product lane. Its documentation connects the Aviator application workspace with the broader Bangel Cloud and Shekina continuity architecture, keeping each role identifiable.

IDENTITY AND RELATIONSHIPS

Related identities: Aviator Workspace; Bangel Cloud; Shekina Continuity. Preserve each named contract and source status.

REQUEST TO RESULT

IF
The Aviator Cloud project lane is described or linked.

HOW

Reconcile Aviator workspace, Bangel Cloud and Shekina roles while preserving their separate implementation and hosting evidence.

THEN

Present the requested cloud-facing identity and the exact source/deployment gaps.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-MJOS-NEUROLOGICAL-MODEL-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJos Neurological Model / Pink

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

PURPOSE AND PROJECT PLACEMENT

User-named model family connecting neural association, relational context, episodic recall, predictive comparison and supervised decisions in the MJos ecosystem.

IDENTITY AND RELATIONSHIPS

Related identities: MJ Neural Net; MJ Memory Recall; MJ Logical Layer 5; Neural Logic Mapping; MJos Predictive Model. Preserve each named contract and source status.

REQUEST TO RESULT

IF
A neural or recalled pattern contributes to a proposed decision.

HOW

Retain observations, compare context and alternatives, preserve lowercase research states separately from runtime states and apply independent supervision.

THEN

Record a qualified software result without treating biological analogy as biological validation.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMplete-20260925-MERMAID-QUANTUM-BLOCKCHAIN-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

Mermaid Quantum Blockchain / Pink

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

PURPOSE AND PROJECT PLACEMENT

User-named blockchain project grouping connecting Mermaid financial meaning and reconciliation with the distinct Teal ledger development lineage.

IDENTITY AND RELATIONSHIPS

Related identities: Mermaid Reconciliation; Teal Ledger; Shiva; Shiva Shells; GIN. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A proposed ledger instruction identifies its asset, account, exact amount and admitted scope.

HOW

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

THEN

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

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

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

Perth / Pink

MJ Physics Engineering | Bangel Language | MJos Operating System

Owned and operated by Michael Bangel | Clearwater, Florida

PURPOSE AND PROJECT PLACEMENT

Governed full-stack consolidation framework organizing the language, compiler, representation, runtime, observer and domain modules into explicit active, historical, experimental and external-evidence boundaries.

IDENTITY AND RELATIONSHIPS

Related identities: MJos Operating System; Bangel Language; Elsa Compiler; JP Representation; Joanna Processing; Silent Guardian. Preserve each named contract and source status.

REQUEST TO RESULT

IF

A system compares an intended outcome with an observed state.

HOW

Represent targets, measurements, differences and permitted corrections through JP while keeping measurement separate from authority.

THEN

Record the admitted response and its observed consequence for reconciliation.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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 - Gateway, lifecycle and evidence

MJPE-COMPLETE-20260925-LIVING-WATER-PINK | Recovered historical or requested identity — documentary reconstruction; execution not rerun

MJos Quantum: Living Water / Pink

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

PURPOSE AND PROJECT PLACEMENT

Water-facility retrofit and community design platform connecting operating evidence, bounded recovery and QSHM receipts with process models, budgeting, engineering education and a scale-aware design workspace.

IDENTITY AND RELATIONSHIPS

Related identities: Hagar; MJ Quantum Water Protection; Perth. Preserve each named contract and source status.

REQUEST TO RESULT

IF

An existing water facility or community scenario supplies its scale, measurements, engineering assumptions and operating limits.

HOW

Model water and energy flows, expose cost assumptions, capture variance and QSHM evidence, and evaluate bounded recovery proposals under operator authority.

THEN

Produce a traceable design or retrofit scenario, state what is verified, and hold physical deployment claims until their own evidence exists.

RELEASE REQUIREMENT

Bind inputs, decisions and results to the exact source profile. Preserve reproducible procedure, expected behavior, observed outcome and reviewer. Documentary completion does not substitute for implementation or execution evidence.

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.