Brown / New reconciliation

MJos Predictive Model | First manifestation of the Bangel Language

MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

27 new project and reconstruction records

This newly authored edition connects recovered documentation and inspected project sources. Proposed language bindings, named-test discovery and historical execution results remain separate. Gold and Indigo reconstructions follow the recovered overview rules; they are not the missing original volumes. Green has no recovered rule and is not silently invented. White papers remain excluded.

Use the searchable library to inspect each record, source link, industry and project. The appended source-faithful color editions preserve the original mathematical layouts and diagrams with updated terminology.

MJos Predictive Model - Observational lifecycle

MJOS-20260924-MJOS-PREDICTIVE-MODEL-BROWN | New project sequence · proposed bindings

MJos Predictive Model / Brown

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

OBSERVATIONAL LIFECYCLE

Purpose: IF / HOW / THEN prediction using the MJ.23.R2 variance foundation and explicitly versioned comparability.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

Chronology, units, provenance, comparability and required evidence are admitted.
- Observation: acquisition + availability times + value/Unknown + unit + provenance
- Forecast: horizon + scope + uncertainty + model identity
- Comparability: explicit contract
- GateVerdict: PASS | HOLD | DENY

REVIEW TO OUTPUT

Evaluate preserved model arithmetic in independent bounded workers; compare output and minority-risk gates. Return an advisory forecast with uncertainty or HOLD; execution permission remains separate.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Forecasts are advisory and uncalibrated.
- A hosted software package is not a bootable OS.
- Existing source notice describes private inherited material; naming updates must preserve license/attribution boundaries.
- No real-workload forecast accuracy established by this review.

SOURCE REFERENCES

README.md

core.py

forecast.bangel

Bangel Language - Observational lifecycle

MJOS-20260924-BANGEL-LANGUAGE-BROWN | New project sequence · proposed bindings

Bangel Language / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Typed measurement authoring through Elsa, independent JP admission and Joanna execution.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

Source and inputs satisfy the versioned admitted language contract.
- Unknown[T] distinct from zero
- Quantity: magnitude + unit
- ProgramIdentity: source and toolchain version
- Receipt: status + outputs + provenance

REVIEW TO OUTPUT

Preserve type/unit/missingness, compile with Elsa, independently admit JP and execute with Joanna under limits. Return a receipt with PASS/HOLD and evidence; host effects require independent authorization.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Fresh package execution was not performed here; README test counts refer to named prior candidates.
- Complete GIN lifecycle, all formula conversion and 189 Purple/Yellow relationship meanings remain open per source documentation.
- Do not conflate compilation PASS with permission to act.

SOURCE REFERENCES

README.md

CONTRACT-RECONCILIATION.md

BarTide - Observational lifecycle

MJOS-20260924-BARTIDE-BROWN | New project sequence · proposed bindings

BarTide / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Restaurant workspaces, ordering, menus, staff, fulfilment and delivery in an ASP.NET Core / Blazor application.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

A request belongs to an authenticated, active tenant and has an admitted operation.
- TenantId: Text
- OperationId: Text
- ExpectedVersion: Int
- Outcome: PASS | HOLD | DENY
- Receipt: source + tenant + request hash + version

REVIEW TO OUTPUT

Resolve tenant identity, input shape, current version, idempotency and module-specific rules.
Return a bounded typed result; hold unknown prerequisites and deny failed authorization.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- README calls this a source candidate, not a completed production launch.
- No fresh production configuration/runtime audit; source module existence does not prove activation.
- No production Bangel integration discovered in BarTide application source; reconciliation is a proposed adapter layer.

SOURCE REFERENCES

README.md

Program.cs

BarTide Stripe API - Observational lifecycle

MJOS-20260924-STRIPE-API-BROWN | New project sequence · proposed bindings

BarTide Stripe API / Brown

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

OBSERVATIONAL LIFECYCLE

Purpose: Merchant onboarding, checkout creation, payment status and webhook handling at the BarTide payment boundary.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

Sandbox configuration, connected account, cards-only verification and order binding are admitted.
- MerchantEnvironment: test
- PaymentIntentBinding: tenant + order + account + attempt + amount + currency
- ProviderEvidence: signed event + retrieved object
- SettlementStatus: pending | paid | refund state

REVIEW TO OUTPUT

Bind amount/currency, tenant/order/attempt, account, provider response and signed notification; reconcile provider state.
Record only the reconciled payment state; absent provider evidence remains pending/HOLD.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Do not describe merchant source as enabled live payments.
- Production secrets, provider account readiness and successful real payment flow were not inspected.
- Signed webhooks are provider evidence, not blanket permission.

SOURCE REFERENCES

MerchantPaymentOptions.cs

MerchantStripeProvider.cs

MerchantPaymentsEndpoints.cs

MJ Neural Net - Observational lifecycle

MJOS-20260924-MJ-NEURAL-NET-BROWN | New project sequence · proposed bindings

MJ Neural Net / Brown

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

OBSERVATIONAL LIFECYCLE

Purpose: Associative recall, relational discrimination and bounded source-grounded diagram overlays.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

Cue features, memory timing and known relational context pass the closed input contract.
- Feature: Missing(reason) | Known(Real)
- Nodes: n1…n9
- Memory: identity + pattern + relation + context
- Review: request hash + status
- r0: PROVISIONAL

REVIEW TO OUTPUT

Run bounded association; preserve missing features; compare entity/relation/context; bind independent review. Return a provisional advisory candidate or HOLD; retain downstream DENY and no actuation permission.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Engineered computational model, not hippocampal biology or general natural-language prediction.
- Lowercase r0 remains provisional and distinct from uppercase R0.
- Synthetic comparison shows a recall/coverage tradeoff; not field accuracy or equal-coverage benefit.
- Diagram geometry and command mapping must retain separate namespaces.

SOURCE REFERENCES

neural.bangel

adapter.py

README.md

Neural Logic Mapping - Observational lifecycle

Neural Logic Mapping / Brown

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

OBSERVATIONAL LIFECYCLE

Purpose: N1-N7 interpretation pathway with r9 covering N5-N7 and bounded recovery.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

An observation and first reading are preserved with context and assumptions.
- Observation: source + original form
- r0: first interpretation, provisional
- r1: articulation/relationship representation
- Intention: inferred claim + alternatives + evidence
- RecoveryAttempt: named gap + correction + progress

REVIEW TO OUTPUT

Compare alternative readings across declared stages; separate observed structure from inferred intention; run bounded recovery only for a named gap.
Output only supported scope; hold confirmation when referents or intent are unresolved.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Historical task is not a current source repository.
- Formalization explicitly said implementation/testing pending; later parser-valid snippets do not prove complete NLP/image interpretation implementation.
- Intent is inference; UNKNOWN != ZERO; you/You distinction must be preserved.

MJ Memory Recall - Observational lifecycle

MJOS-20260924-MJ-MEMORY-RECALL-BROWN | New project sequence · proposed bindings

MJ Memory Recall / Brown

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

OBSERVATIONAL LIFECYCLE

Purpose: Scoped episodic recall and a separate self-healing evaluation seam.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

Memory is available as of the query, in the same namespace/frame with authenticated provenance.
- Episode: namespace + frame + observed_at + available_at + provenance
- Trace: actor + time + coordinates + units
- Recall: candidate + score + ambiguity + review
- Lifecycle: QUIESCE | SEAL | CHECKPOINT | DETACH | RECLAIM

REVIEW TO OUTPUT

Compare cue, entity, relation, context and trajectory; hold ambiguous margin and missing context; review updates independently.
Return a bounded advisory memory match or HOLD; forecasts never become observations.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Catalog dimensions were read from current documentation, not recounted here.
- Geometry alone cannot identify an entity; 146 distinct complete assignments documented across the larger catalog.
- No user memory import, biological validation or physical memory reclamation claim.

SOURCE REFERENCES

README.md

recall.bangel

KERNEL.md

Moana - Observational lifecycle

MJOS-20260924-MOANA-BROWN | New project sequence · proposed bindings

Moana / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Vessel and customer records, service jobs, photos, checklists, completion records and backup/restore.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

A job has the required recorded observations and complete tasks at the current revision.
- Job: customer + vessel + tasks + revision
- Observation: Unknown(reason) | known(value, unit, time)
- PreparedChange: operation ID + base revision + review
- ServiceReport: observed work, not vessel certification

REVIEW TO OUTPUT

Preserve Unknown versus known zero, photo bytes and provenance; prepare/validate review; commit once against revision and operation identity.
Save a supported change or hold missing evidence; retain backup/recovery and history.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Current source was not recovered or inspected in this pass; all build/test assertions are historical task statements.
- Device-local single-operator prototype; shared accounts/cloud sync/scheduling/billing were later work.
- Do not transfer earlier CPU/encryption/rendering benchmark claims into Moana performance claims.
- Native Moana platform not fully activated; recovered presentation/routing contract was reused.
- Report page-break issue remained noted.

SOURCE REFERENCES

mj-moana.stormy-ray-3254.chatgpt.site

Engineering Studio - Observational lifecycle

MJOS-20260924-ENGINEERING-STUDIO-BROWN | New project sequence · proposed bindings

Engineering Studio / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Guided browser authoring, client-delivery review, C# work and Bangel reference integration.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

A selected lesson/example declares its language, expected outcome and execution capability.
- Language: CSharp | Bangel
- Draft: source + version
- ExecutionEvidence: actual | expected-only | not-run
- LessonResult: prediction + receipt + comparison

REVIEW TO OUTPUT

Keep editable source, prediction, execution evidence and receipt separate; bind source hash/runtime/version. Report real parser/runtime evidence where available; label exported-but-not-run C# honestly.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- C# is not compiled/executed in browser or server; downloaded .NET project is its execution path.
- Expected output and completion checkmarks are not evidence of execution.
- No current application API/database integration or deployment control.
- Adding Bangel and build.tide.casa is the present requested work, not an existing capability established by this review.

SOURCE REFERENCES

ENGINEERING-STUDIO.md

Hagar / Water Protection - Observational lifecycle

MJOS-20260924-HAGAR-BROWN | New project sequence · proposed bindings

Hagar / Water Protection / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Water-protection and evidence-gated environmental reference pathways.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

The purpose, inputs, units, evidence origin and current profile are declared.
- SourceIdentity: Text
- ProfileIdentity: Text
- EvidenceState: known | unknown | simulated | historical
- ReviewOutcome: supported | HOLD | DENY

REVIEW TO OUTPUT

Bind the source identity, compare only eligible observations, preserve uncertainty and review the evidence ceiling. Return a scoped result, HOLD for missing evidence, or DENY for a failed permission boundary.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Each physical model needs its own measured inputs, units, environment, uncertainty and authority boundary.

Pearl / DRO - Observational lifecycle

MJOS-20260924-PEARL-BROWN | New project sequence · proposed bindings

Pearl / DRO / Brown

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OBSERVATIONAL LIFECYCLE

Purpose: Pearl, DRO and ignition reference papers and their source relationships.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

The purpose, inputs, units, evidence origin and current profile are declared.
- SourceIdentity: Text
- ProfileIdentity: Text
- EvidenceState: known | unknown | simulated | historical
- ReviewOutcome: supported | HOLD | DENY

REVIEW TO OUTPUT

Bind the source identity, compare only eligible observations, preserve uncertainty and review the evidence ceiling. Return a scoped result, HOLD for missing evidence, or DENY for a failed permission boundary.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Recovered conceptual and mathematical claims must retain their evidence ceiling; no physical performance upgrade is implied.

GIN Measurement - Observational lifecycle

MJOS-20260924-GIN-BROWN | New project sequence · proposed bindings

GIN Measurement / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Intervals, clock normalization, temporal states and evidence-bound measurements.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

The purpose, inputs, units, evidence origin and current profile are declared.
- SourceIdentity: Text
- ProfileIdentity: Text
- EvidenceState: known | unknown | simulated | historical
- ReviewOutcome: supported | HOLD | DENY

REVIEW TO OUTPUT

Bind the source identity, compare only eligible observations, preserve uncertainty and review the evidence ceiling. Return a scoped result, HOLD for missing evidence, or DENY for a failed permission boundary.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Full GIN lifecycle remains distinct from the implemented interval and evidence adapters.

Solar Systems - Observational lifecycle

MJOS-20260924-SOLAR-BROWN | New project sequence · proposed bindings

Solar Systems / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Core, marine, rocket and semiconductor/phone solar reference families.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

The purpose, inputs, units, evidence origin and current profile are declared.
- SourceIdentity: Text
- ProfileIdentity: Text
- EvidenceState: known | unknown | simulated | historical
- ReviewOutcome: supported | HOLD | DENY

REVIEW TO OUTPUT

Bind the source identity, compare only eligible observations, preserve uncertainty and review the evidence ceiling. Return a scoped result, HOLD for missing evidence, or DENY for a failed permission boundary.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Applications are separate profiles; one calculation does not qualify a different physical application.

Lecanto - Observational lifecycle

MJOS-20260924-LECANTO-BROWN | New project sequence · proposed bindings

Lecanto / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Source, measurement and evidence relationships in the early reference corpus.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

The purpose, inputs, units, evidence origin and current profile are declared.
- SourceIdentity: Text
- ProfileIdentity: Text
- EvidenceState: known | unknown | simulated | historical
- ReviewOutcome: supported | HOLD | DENY

REVIEW TO OUTPUT

Bind the source identity, compare only eligible observations, preserve uncertainty and review the evidence ceiling. Return a scoped result, HOLD for missing evidence, or DENY for a failed permission boundary.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Normalized drawings are not physical dimensions or approved coordinates.

Quantum Systems - Observational lifecycle

Quantum Systems / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Quantum-related references, uncertainty and cross-system evidence relationships.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

The purpose, inputs, units, evidence origin and current profile are declared.
- SourceIdentity: Text
- ProfileIdentity: Text
- EvidenceState: known | unknown | simulated | historical
- ReviewOutcome: supported | HOLD | DENY

REVIEW TO OUTPUT

Bind the source identity, compare only eligible observations, preserve uncertainty and review the evidence ceiling. Return a scoped result, HOLD for missing evidence, or DENY for a failed permission boundary.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- A project label or simulation does not demonstrate quantum hardware, entropy performance or physical validation.

Early Works - Observational lifecycle

MJOS-20260924-EARLY-WORKS-BROWN | New project sequence · proposed bindings

Early Works / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Foundational formulas, observational lifecycle, governance roles and source records.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

The purpose, inputs, units, evidence origin and current profile are declared.
- SourceIdentity: Text
- ProfileIdentity: Text
- EvidenceState: known | unknown | simulated | historical
- ReviewOutcome: supported | HOLD | DENY

REVIEW TO OUTPUT

Bind the source identity, compare only eligible observations, preserve uncertainty and review the evidence ceiling. Return a scoped result, HOLD for missing evidence, or DENY for a failed permission boundary.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Historic test counts and frozen source identities remain dated evidence, not fresh verification.

BarTide and Tide Casa onboarding - Observational lifecycle

BarTide and Tide Casa onboarding / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: RegisterWorkspace accepts restaurant/business plan, acknowledgement and required contact fields. Creates draft workspace, empty menu and deterministic request-ID slug; existing ownership cannot be rebound by matching email. TenantStaffAccess reads active durable membership; verified sign-in email may claim an unbound invitation.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

Identity is verified, requested plan is admitted and no conflicting ownership exists.
- RegistrationRequest: request ID, plan, acknowledged, business and contact
- OwnerBinding: user ID + tenant ID
- WorkspaceState: draft | active
- PublicationReview: separate evidence

REVIEW TO OUTPUT

Validate fields; bind user and tenant in a transaction; preserve existing ownership.
Create or return draft workspace; conflicting ownership holds for review.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- One-workspace-per-account behavior is explicit in source.
- Creating a draft does not publish a restaurant or activate payments.
- No end-to-end onboarding execution in this review.

SOURCE REFERENCES

WorkspaceRegistrationStore.cs

TenantStaffAccess.cs

BarTide ordering and menu - Observational lifecycle

MJOS-20260924-BARTIDE-ORDERING-BROWN | New project sequence · proposed bindings

BarTide ordering and menu / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Menu categories, items, ingredient exclusions, item requests, order requests and quantities. Order quoting and fingerprints, customer receipt/tracking, staff operations and delivery workflow source. Delivery settings include allowed ZIP codes, fee, minimum and capacity.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

The tenant menu, fulfillment mode and quote fingerprint remain current.
- MoneyCents: Int + currency
- OrderRequest: tenant + quote fingerprint + request ID
- Fulfillment: pickup | delivery | table
- PaymentState: separately bound

REVIEW TO OUTPUT

Compute whole-cent totals from server data; validate quantities, capacity, requests and repeat operation identity. Issue one receipt or return a version/quote conflict; never infer payment from order creation.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Per-serving variants are not separate cart lines in current phase-two documentation.
- No source evidence of automatic route optimization.
- Fictional Gulf Lantern demo does not establish actual business outcomes.

SOURCE REFERENCES

RestaurantOrderingStore.cs

RestaurantOrdering.cs

DELIVERY-PHASE-TWO.md

BarTide delivery and driver operations - Observational lifecycle

MJOS-20260924-BARTIDE-DRIVER-BROWN | New project sequence · proposed bindings

BarTide delivery and driver operations / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Manual driver assignment with active same-tenant account membership, acknowledgement, collection, delivered confirmation and problem reporting. Driver writes and visibility are assignment-scoped; reassignment invalidates prior authority. Payment reconciliation is separate from physical delivery.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

An assigned active driver or authorized manager requests a legal transition against the current version.
- DeliveryAssignment: tenant + order + driver + version
- DeliveryState: assigned | acknowledged | collected | delivered | problem
- PaymentState: independent
- OverrideReason: required for authorized manager exception

REVIEW TO OUTPUT

Validate membership, assignment, status, reason for override and operation identity.
Record one accountable delivery transition; outstanding payment remains outstanding.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Native/background driver app and external delivery provider phases remain paused.
- Driver confirmation is not payment/refund authority.
- No route optimization claim.

SOURCE REFERENCES

RestaurantDeliveryWorkflow.cs

DELIVERY-PHASE-ONE.md

BarTide foreground delivery location - Observational lifecycle

MJOS-20260924-BARTIDE-LOCATION-BROWN | New project sequence · proposed bindings

BarTide foreground delivery location / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Optional location session after assignment, acknowledgement and collection. Public shared demo accepts only simulated server positions; private foreground GPS path exists. Fresh/stale/expired location distinctions; latest point storage, one active customer leg, sequence and capture validation.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

The current session is consensual, assigned, active and in the admitted real/simulated mode.
- Location: latitude + longitude + accuracy + captured time
- LocationMode: simulated | foreground-real
- Session: tenant + driver + order
- Freshness: fresh | stale | unavailable

REVIEW TO OUTPUT

Bind coordinates to session, sequence, accuracy and acquisition time; recheck permissions and age.
Expose only the customer's active leg; hold stale/unknown location and stop sharing after invalidation.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- No background service, promised ETA, offline replay or route history.
- Physical iOS/Android GPS and poor-network field trials remain unverified in current documentation.
- Private deployment requires its own table policy; public-demo policy must not be reused unchanged.

SOURCE REFERENCES

RestaurantDeliveryLocation.cs

DeliveryLocationSchema.cs

DELIVERY-PHASE-TWO.md

BarTide staff scheduling and training - Observational lifecycle

MJOS-20260924-BARTIDE-STAFF-BROWN | New project sequence · proposed bindings

BarTide staff scheduling and training / Brown

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OBSERVATIONAL LIFECYCLE

Purpose: Team members and roles, time-bounded shifts, team messages, courses, lessons, assignments and lesson completion records. AddShift validates start/end and rejects overlaps for the employee.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

The staff member is active and the acting user may manage the tenant.
- TeamShift: member + start + end + label
- TrainingProgress: member + lesson + completion + time
- Role: owner | manager | bartender | server | kitchen | driver

REVIEW TO OUTPUT

Validate shift interval/non-overlap or course version/assignment; preserve source identity.
Save an explicit schedule or learning record; incomplete evidence does not certify proficiency.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Training checkmarks are stored completion state, not independent proof of skill.
- Shift management exists; no optimizer or external calendar synchronization established.

SOURCE REFERENCES

StaffTraining.cs

StaffTrainingStore.cs

BarTide customer and staff rewards - Observational lifecycle

MJOS-20260924-BARTIDE-REWARDS-BROWN | New project sequence · proposed bindings

BarTide customer and staff rewards / Brown

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OBSERVATIONAL LIFECYCLE

Purpose: Pure reward eligibility evaluation from supplied authoritative history. Deduplicates source events and rejects conflicting event IDs; filters tenant/customer, state, future events and monthly time zone. Versioned rules, qualification audit, points, redemption requests and employee ledger contracts.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

The evidence belongs to the correct tenant/customer and rule version.
- Qualification: tenant + customer + source event + units + occurred time + state
- RuleVersion: immutable identity
- Eligibility: count + period + units remaining
- IssuancePermit: separate

REVIEW TO OUTPUT

Count admitted eligible history as of the declared time; distinguish duplicate from conflicting sources.
Return eligibility only; issuance and redemption require separate authorized durable operations.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Evaluator explicitly does not authorize, issue or redeem a reward.
- Durable issuance must enforce uniqueness independently.

SOURCE REFERENCES

RewardEvaluator.cs

Rewards.cs

BarTide events and reservations - Observational lifecycle

MJOS-20260924-BARTIDE-EVENTS-BROWN | New project sequence · proposed bindings

BarTide events and reservations / Brown

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OBSERVATIONAL LIFECYCLE

Purpose: Event title/location/time zone/capacity/publication state, RSVP, check-in and guest list contracts with request keys and versions.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

A published event and permitted capacity exist, with the current version.
- Event: ID + interval + time zone + capacity + version
- RSVP: user + event + state
- CheckIn: independent recorded observation

REVIEW TO OUTPUT

Bind RSVP/check-in to event, customer, request key and capacity transaction.
Persist one reservation transition or return held/conflicting status.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Read contract and module presence only; complete event behavior not freshly exercised.

SOURCE REFERENCES

Events.cs

EventsStore.cs

BarTide business posts and private media - Observational lifecycle

MJOS-20260924-BARTIDE-POSTS-MEDIA-BROWN | New project sequence · proposed bindings

BarTide business posts and private media / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Draft/published business posts, consent-bearing push subscriptions and subscriber counts. Private object store, media endpoints and uploaded-video references.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

The actor can publish the tenant's content and recipients have relevant consent.
- Post: tenant + content + state + version
- Subscription: endpoint hash + consent + active
- MediaReference: tenant + object identity + access scope

REVIEW TO OUTPUT

Validate content/version, access policy, subscription binding and durable outbox identity.
Publish or enqueue only the authorized content; hold missing consent or unavailable delivery evidence.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- No notification was sent and no media access was exercised in this review.
- Publication rights and push consent require actual current authorization.

SOURCE REFERENCES

BusinessPosts.cs

BusinessPostsOutbox.cs

PrivateObjectStore.cs

Stripe API - Tide Casa service billing - Observational lifecycle

MJOS-20260924-STRIPE-SERVICE-BILLING-BROWN | New project sequence · proposed bindings

Stripe API - Tide Casa service billing / Brown

MJos Predictive Model | First manifestation of the Bangel Language
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OBSERVATIONAL LIFECYCLE

Purpose: Quotes, setup/maintenance subscription checkout, invoices, cancel/discard and guest purchase contracts. ServiceBillingProvider supports sandbox or explicitly gated live configuration; creation requires checkout/cards-only/method configuration gates. Webhook signature verification and invoice/refund reconciliation code exists.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

The customer accepts current terms and an unchanged quote, with the appropriate billing environment enabled.
- BillingEnvironment: sandbox | live
- Quote: initial + monthly + currency + fingerprint + terms version
- SubscriptionState: provider-bound
- InvoiceEvidence: amount + paid/refunded state

REVIEW TO OUTPUT

Bind checkout snapshot, account, price, method configuration and request ID; reconcile signed invoice evidence. Persist the invoice/subscription status; never treat a redirect or advisory forecast as payment.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Distinct from merchant payments, which are currently test-only.
- Source ability to configure live is not evidence live billing is activated.
- No subscriptions were created or changed.

SOURCE REFERENCES

ServiceBillingProvider.cs

ServiceBillingReconciliation.cs

ServiceBilling.cs

Tide Casa sales, referrals and launch review - Observational lifecycle

MJOS-20260924-BARTIDE-SALES-REFERRALS-BROWN | New project sequence · proposed bindings

Tide Casa sales, referrals and launch review / Brown

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OBSERVATIONAL LIFECYCLE

Purpose: Sales leads/stages, follow-up dates, assignee, private notes, activity history and workspace link contracts. Referral applications/review codes, discount/commission totals and billing-linked sales. Launch-review and demo-request/inbox modules.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

The actor owns the sales or launch-review role and the data is current.
- Lead: source + stage + next action + version
- Referral: profile + code + terms + verified sale
- LaunchReview: tenant + evidence + explicit decision

REVIEW TO OUTPUT

Track lead state and referral evidence with request keys, versions and approved workspace binding.
Return accountable business status; publication follows its separate review gate.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- Private prospects/data excluded from repo per README.
- A stored follow-up date is not evidence an external reminder/message is scheduled.
- Public content should not include private lead records.

SOURCE REFERENCES

SalesPipeline.cs

Referrals.cs

LaunchReviewStore.cs

MJ Decision Layer and recovery - Observational lifecycle

MJOS-20260924-MJ-DECISION-BROWN | New project sequence · proposed bindings

MJ Decision Layer and recovery / Brown

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OBSERVATIONAL LIFECYCLE

Purpose: Current source package exposes arbitration, modes, noise filtering, loop protection, integrated pipeline and RecoveryStore. Pure Bangel decision source plus bounded Python host supervision. L1 observation, L2 association, L3 recall, L4 forecasting, L5 arbitration is explicitly a proposed logical organization.

R / R0

Retain the proposed request and anticipated context; a forecast has not occurred.

R1

Record the unresolved or partially supported representation under its named source profile. Older unidentified-transition wording and later interpretation-state wording must not be merged silently.

N1 AND REPRESENTATION

Required reviews, liveness, forecast and downstream gates are present and current.
- Candidate: identity + score + source
- Mode: separate from decision status
- Health/Review/Minority/Downstream: independently bound
- Recovery: operation ID + checkpoint + outcome certainty

REVIEW TO OUTPUT

Apply gate precedence, bounded rankings and progress-aware recovery with durable operation identities.
Select an advisory or HOLD/DENY; ambiguous external completion remains held.

RECOVERY

Return to the first named missing prerequisite. A changed input or new evidence permits another bounded pass. Repeated state or no progress stops recovery with the existing evidence intact. r9 remains the N5-N7 interpretation region where that separate profile applies.

EVIDENCE LIMITS

- SELECTED identifies an advisory candidate; no financial or physical permission.
- Missing independent gates HOLD.
- Recovery does not retry uncertain external effects and cannot convert predicted data into observed evidence.

SOURCE REFERENCES

README.md

MJ-NEURAL-L5-CONTRACT.md