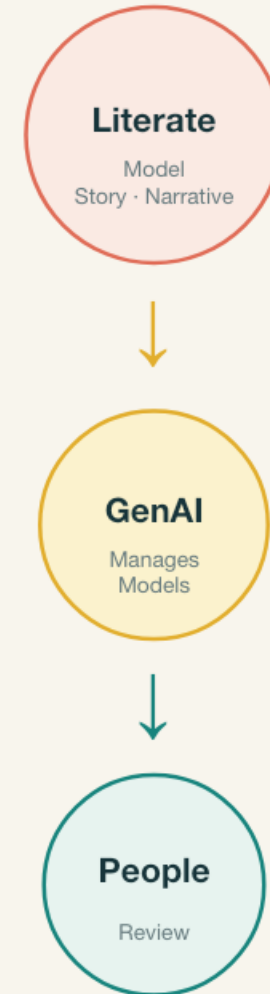


Story and Narrative

Literate Modeling

Preserve purposes, requirements, decisions, and Scenarios as Models shared by people and generative AI



Three aspects express the same subject

Object Model

Executable formal structure
and execution examples

Knowledge Model

Concepts, rules, semantic
relationships, and evidence

Literate Model

Purposes, situations,
requirements, decisions,
and Scenarios in natural
language

The three are complementary aspects of one SimpleModeling Model, not unrelated subjects.

Organize a Story as a Narrative

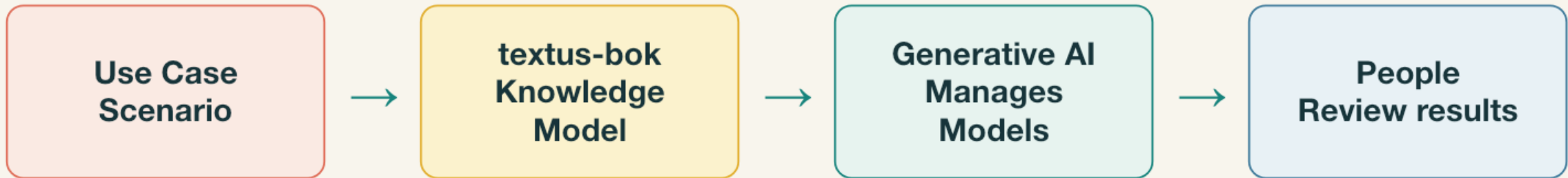


Select, order, and explain a Story by viewpoint, purpose, and context to form a Narrative.

- Story: the semantic content of what happens
- Narrative: a Literate Model organized by viewpoint, purpose, and context
- One Story can yield many Narratives; a Use Case Scenario is a representative user-centered form.

Use Case Scenarios directly drive AI development

Apply Use Case technology—the core of requirements modeling—to AI-assisted development.



Return approval or findings to AI for the next update

- A Use Case Scenario expresses a user's Goal and system Behavior
- textus-bok turns the Literate Model into a Knowledge Model for generative AI
- Generative AI principally generates, updates, and manages the Object Model and CML
- People review results and return approval or findings to the AI

Organize natural language as a Model

Natural-language text alone does not make a document a Literate Model.

01

Its subject and purpose are explicit

02

Meaning and identities are traceable

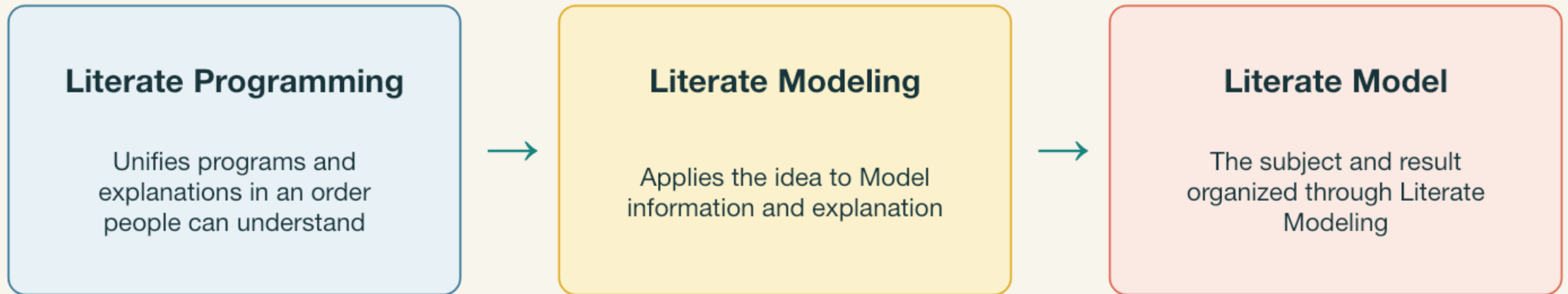
03

It maps to other Model elements

04

It becomes input to design, decisions, validation, or explanation

Extend Literate Programming to Models



A CML document spans both: formal elements express an Object Model, while natural-language explanations express Literate Model content.

Organize documents as Literate Models

Literate Model Authoritative source

SmartDox is the full-spec primary language; Markdown is also supported.



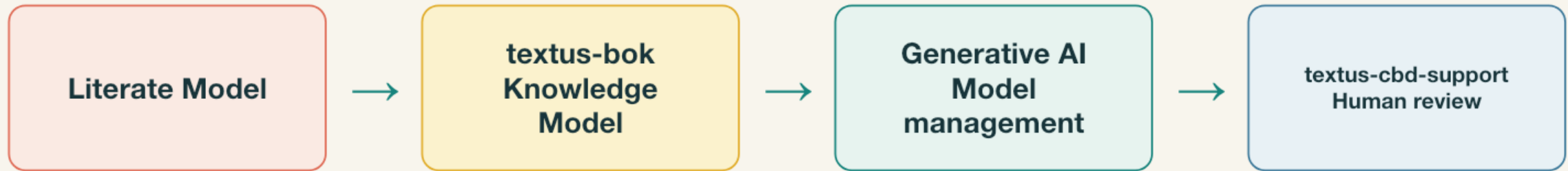
Requirements: requirements, constraints, and acceptance conditions

User guides: Use Cases and Scenarios as important sources

Domain explanations: concepts, rules, and relationships in natural language

Update the source and recompose each view to reduce duplication and drift

AI manages Models; people review results



Return review results to generative AI

Human responsibility centers on meaning, approval, and accountability rather than continuously editing every Model element directly.

See “Confirm order” through three aspects

Literate Model

The buyer's Goal and
Scenarios

Knowledge Model

Meaning, rules, evidence,
and sources for order
confirmation

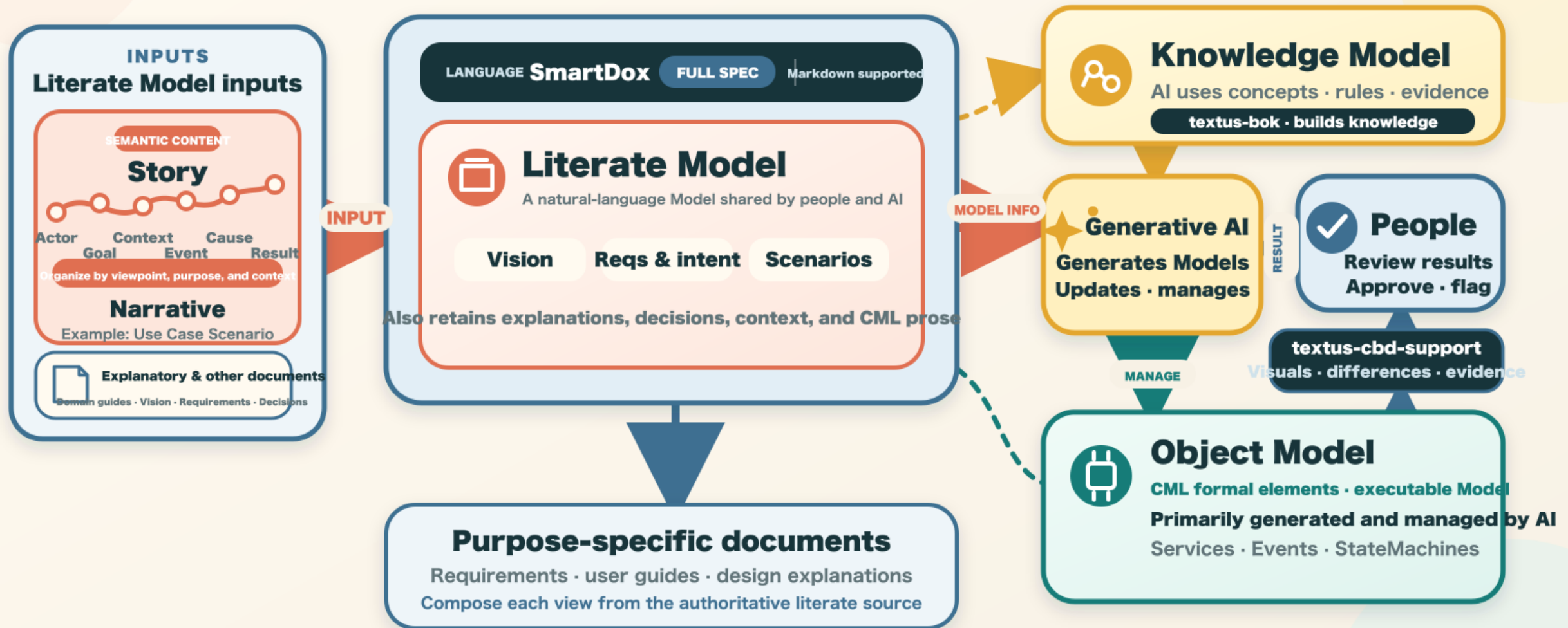
Object Model

Services, Events, and
StateMachines

Generative AI maintains the mappings through shared Glossary identities, and people review the results.

Connect Stories and Narratives to AI Development

Turn literate information into knowledge; AI manages Models and people review



● Literate Model - - - ● Knowledge Model - - ● Object Model

Glossary identities relate the same subject