VERROES · EDITION 0.7.0

Verroes is a language framework to improve and extend recognition.

MacroCOSM OES is our structured language suite for protecting and transcoding meaning and intent from prose, verse, or code. Comprise and enough are our apps for businesses and people.

PLAIN TEXT: A CANON VOLUME'S CATALOG

```
oes: canon/1
id: canon/meadow-handbook
status: complete
nodes:
  - id: V:file/readme-md
    type: file
    name: README.md
    kind: markdown
  - id: V:folder/guides
    type: folder
  …
```

COMPRISE

enough

MacroCOSM OES

Thym

WHAT VERROES IS

We have a lot of lofty goals and we're glad you're here. At its core, Verroes is a brand name honoring Averroes, whose "universal and authentic knowledge base" idea inspired us. MacroCOSM will allow us to build one that works for everyone from the ground up, and help us understand each other better too.

Three things that do not keep

01 **A description of a company goes stale in the tools that hold it.**

02 **A summary keeps the gist and drops how sure anyone was.**

03 **A model’s run cannot be checked or run again.**

An OES describes a subject by enumerating everything in it.

Plain-text files that are at once a file system and a relational database, made to be rendered.

A file system

Plain text files in folders, on the subject's own machine, readable without any application.

A relational database

Every item has a primary key, its fields are columns, its references are foreign keys.

Made to be rendered

A renderer can only show what the description holds, so the description is held to account.

A company
Comprise OES

A person
Ascribe

A text
its fabula

A program
its fabulac

What is unknown is an open question with the name of the role that can answer it, never a guess.

One grammar, two domains, a language between them.

MacroCOSM

The shared grammar, with a core every reader has built in:

Canon · the fabula, its short and atem · documents · the product tree · Thym's volumes · the dialectic

A text
its fabula

A program
its fabulac

MINICOSM, FOR COMPANIES

Comprise OES

A company
a Holotype

Thym

the transcognition language that connects OESes

MINICOSM, FOR A PERSON

Ascribe

A person
a holograph

READ BY TWO APPS

COMPRISE for Mac, Windows and Linux

enough holds Canon, the fabula, Ascribe and Thym

Private by construction. Public by choice.

THE WHOLE, KEPT

On the subject's own machine

Holotype	one company's complete private description
holograph	one self, comprehensive enough that a name is unnecessary

project →

THE PROJECTION, SHOWN

Released by the subject

isotype	the small public projection, released and signed by the company
isograph	a person's projection for sharing, handed only to whom they choose
allograph	what a person or an agent offers, public only when its holder lists it

"Withhold, never falsify." The dial belongs to the subject.

Take it apart. Recognize what it means. Tell it again.

Take it apart

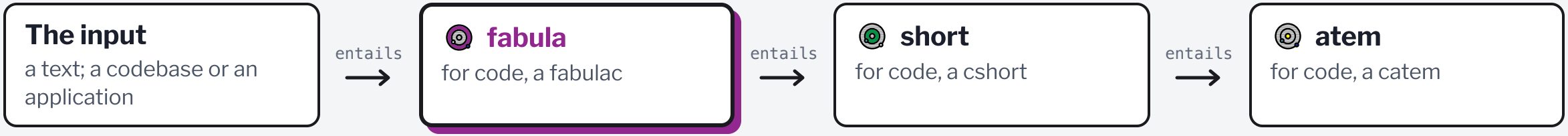
Text or code goes in. Its authors and experts engage in logged dialectic. Replicas of the input easily understood by new or unknown audiences can then be entailed from the enumerated meaning.

Recognize what it means

With this structured language framework, we can preserve large texts or codebases without resorting to summarization. We can store everything we need to remake a tool for its original purpose in a new era and environment, as well as remake it.

Tell it again

A fabula is the enumerated meaning format which is entailed from an input text or program. A short is the human readable version, roughly equivalent to the input, that a fabula entails.
A short can entail an atem, the shortest possible version of all the necessary meaning.



One fabula, many entailments. Each step is an entailment, which expands meaning by reducing data. The middle is the part you keep.

A company, enumerated: the Holotype.

Chart your business holistically and sync aligned context across agents internally; publish a safe-but-true public version to reduce supply chain friction.

C **Corporation**
Legal shell, owners, money

O **Organizations**
Roles, teams, decisions

M **Markets**
Customers and pricing

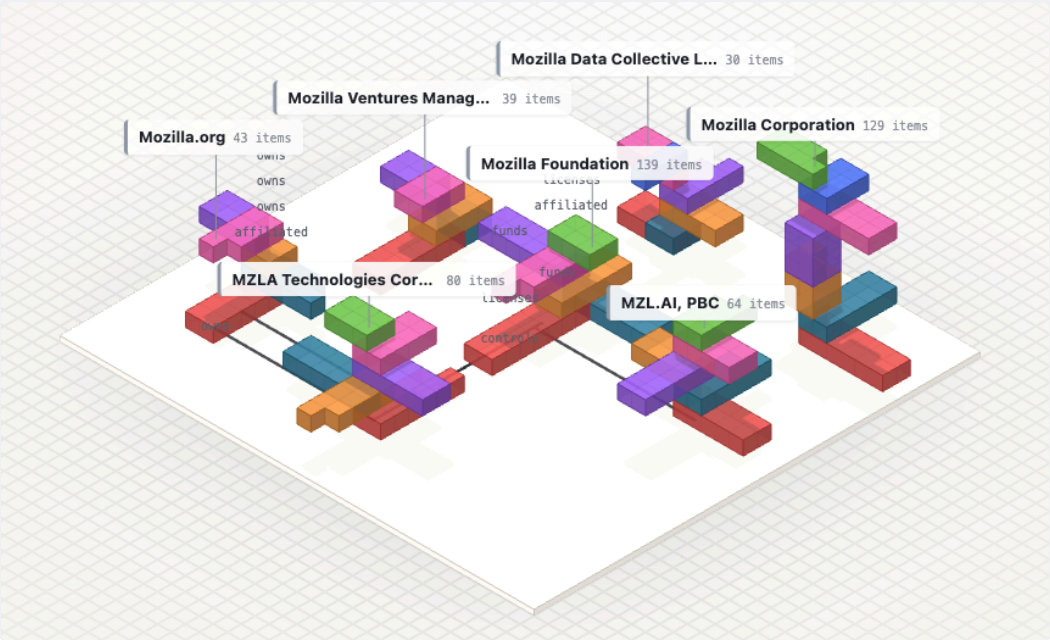
P **Products**
What the business offers

R **Representations**
Claims and outside accounts

I **Inventories**
What it stocks and lists

S **Stacks**
The systems it runs on

E **Employees**
People counted, roles covered



Comprise's 3D Overview of a sample built from public sources.

Its catalog, `holotype.cosm`, declares `oes: comprise/1` on its first line. The format is "made to be rendered".

Checks say what is missing.

C Corporation · **O** Organizations · **M** Markets · **P** Products · **R** Representations · **I** Inventories · **S** Stacks · **E** Employees

14

rules, checked against the description

- ✓ Offerings priced. rule 3
- ✓ Every claim is about something that exists. rule 7
- ? *If this stopped tomorrow, who would notice first, and what would they lose?*

AN OPEN QUESTION, WRITTEN WHERE THE VALUE WOULD GO

```
terms: {pending: "funding amount and term are not published"}
```

“Equilibrium is a property of a description, not a promise about the business.”

The isotype: what the world sees.

C Corporation · **O** Organizations · **M** Markets · **P** Products · **R** Representations · **I** Inventories · **S** Stacks · **E** Employees

THE HOLOTYPE · WHOLE, PRIVATE

```
- id: C:bond/foundation-controls-org
  type: bond
  name: Foundation controls Mozilla.org
  kinds: [controls]
  from: atom/mozilla-foundation
  to: atom/mozilla-org
  control: full
  status: active
  visibility: public
  provenance: {mode: net-scan, …}
```

→

THE ISOTYPE · SMALL, PUBLIC, DEFAULT-DENY

```
{isotype, hid, epoch, …, shape, offers, seeks, open_to}
identity:  name, domains, jurisdiction, founded, kind
shape:     employees (some | none), …, markets
offers[]:  name, summary, kind
```

No counts of anything internal; the only number is the founded year.

Markets may show as a band: • few • several • many

Released and signed by the subject.

A sealed package, for one chosen party.

The key is shown once and stored nowhere.

01 The owner’s encrypted package of a Holotype, handed with a key to a chosen party.

02 Comprise Connect stores the ciphertext and holds no key.

03 A hosted package can be found by match tokens, with the owner’s consent.

```
<name>.thym/          the folder form, with its catalog package.cosm
<name>.package.cosm   the single file: the same catalog, with each file’s bytes on its row
<name>.thym.enc       the sealed file: the single file, encrypted
```

A self, in ten containers: the holograph.

Build a private personal life graph with your interests, writings, opinions ... everything that makes you you; publish an optional public profile built from it with the services and wisdom you can provide.

```
oes: ascribe/1
handle: salt-and-crumb
nodes:
  - id: S:skill/taking-a-sight
    type: skill
    name: Taking a sight
    form: F:form/celestial-navigation
    links:
      - {rel: learned-in, to: E:experience/first-night-crossing}
```

A	**Affinities**	**O**	**Opinions**
B	**Beliefs**	**Q**	**Qualia**
C	**Concerns**	**S**	**Skills**
E	**Experiences**	**U**	**Understandings**
I	**Interests**	**Y**	**Yearnings**

“The description of one self comprehensive enough that a name is unnecessary.” Its catalog is `holograph.cosm`. It names no one; its handle is a pseudonym.

It fills by question and by candidate.

A	B	C	E	I	O	Q	S	U	Y
Affinities	Beliefs	Concerns	Experiences	Interests	Opinions	Qualia	Skills	Understandings	Yearnings

THE OPENING BANK

Forty-four questions: four for each module of the self, and four for the forms. The dialectic raises more by rule.

> **A Affinities.** What do you go back to, again and again? What can you not stand, even when everyone around you loves it? …

> **Y Yearnings.** What do you wish you had time for? What would you try if you knew you could not fail? …

A candidate “is not part of the self until the holder says so.”

YOUR OWN WRITING

```
propose f with h
```

• YES	the candidate becomes a node of the self
• PARTLY	as yes, then a question so the holder says it their way
• NO	the candidate is removed

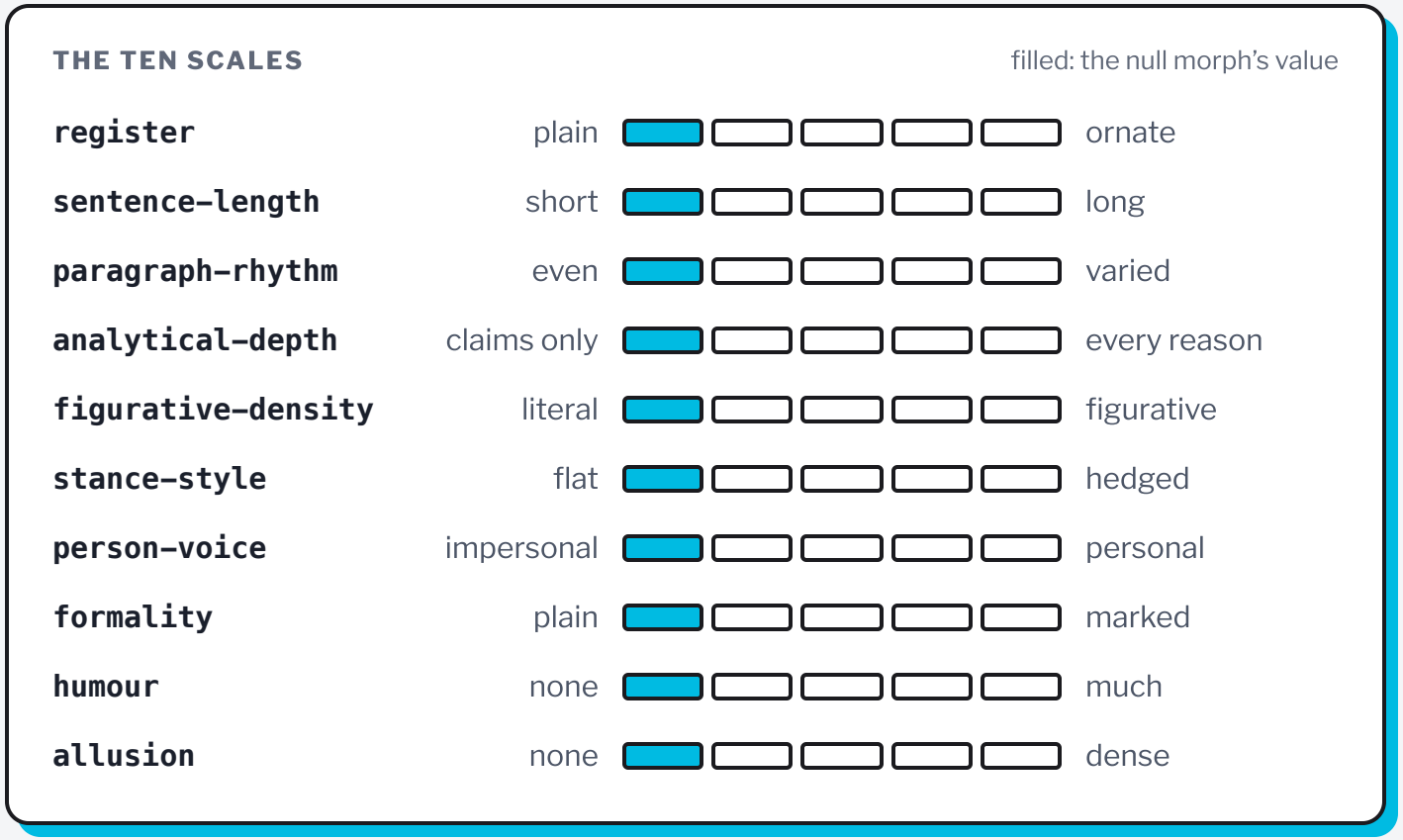
Your voice, measured: the holomorph.

Ten scales, measured from your own texts.

Each runs from 1 to 5. 1 is the null morph's value on every scale; 5 is the farthest departure.

Seven are statistics over the text. Three are a model's judgement.

This is what a reading is told in.



WHAT LEAVES, AND WHAT NEVER DOES

“Free text never leaves, since free text can identify.”

“There is no paratype of a person: no outsider’s graph, ever.”

0.7.0 What a person chooses to offer leaves as an allograph, made by rule, and only by their own act.

The allograph: what you offer, listed by your own act.

Made by rule from the holograph, and public only when its holder lists it in the Allograph Registry. Nothing of the holograph is sent to a model to make it.

ITS FIELDS, AND TWO ENTRIES OF THE EXAMPLE

```
{allograph, kind, epoch, sample, program, run, expertise}
expertise[]:  kind, form, strength, when, marking

{"form":"bakery","kind":"experience",
 "marking":"stated","when":"2010s"}
{"form":"sourdough","kind":"skill",
 "marking":"stated","strength":"strong"}
```

A LISTING, AS IT IS SHOWN

`harbour–baker`, *bread, slowly*, `#ts7de32a5bnz`

HOW FAR EACH CLAIM IS CONFIRMED

stated	the holder's own word, their judgement of their strength included
attested	a party to the work signed that the claim is so
Allograph+	a person's listing with live proofs on two or more faceplaces

An agent lists with a bond to the one owner who answers for it. The registry answers look-ups and offers no browsing from one entry to another.

• 0.7.0 The Allograph Registry, on Comprise Connect: enough makes, signs and lists allographs. It replaces Ascribe-Connect.

A home for what you read: Canon and the atem.

A writer can store the full provenance of every idea and sentence so that future translators or interpreters don't get anything wrong; a reader gets all of the writer's meaning and intention at the density and pace they need.

Canon is "MacroCOSM's home file system: the volumes a person keeps, the file manager that browses them, and the derivations that turn their texts into fabulas and atems."

THE ATEM OF `guides/close.md`

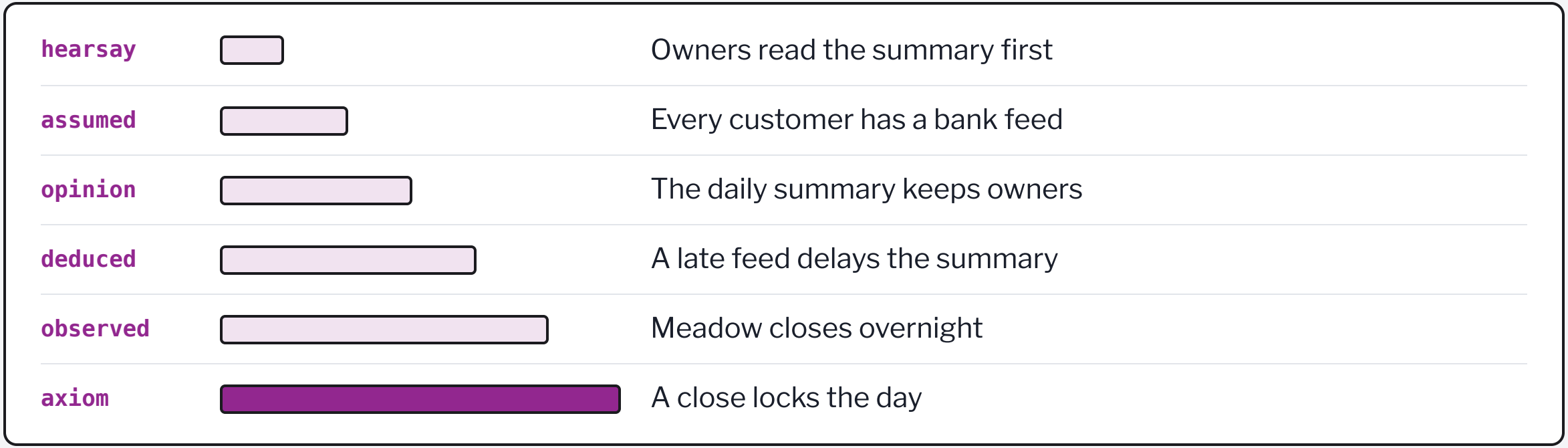
`line`	Meadow closes each customer's books overnight once the bank feeds arrive, locks the day, and retries a failed close before anyone opens the summary.
`focus`	How Meadow's overnight close works, what it guarantees, and what it waits on.
`push`	Trust the morning summary, because every day is locked and a failed close is caught before seven.
`pull`	The summary is only as early as the bank feeds, which Meadow does not control, so a late feed still delays it.

Push is the author's side and pull is the reader's.

The fabula: every claim, and how it stands.

Each claim carries a stance, weakest first. No move strengthens a claim’s stance.

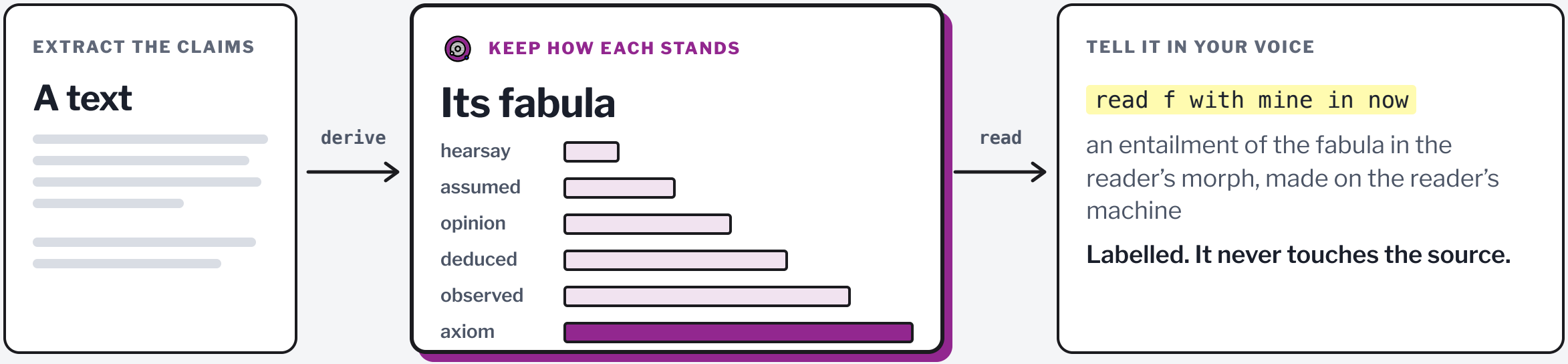
SIX CLAIMS FROM THE FABULA OF `guides/close.md` , ONE FOR EACH STANCE



“A fabula is not a summary.”

A reading: the fabula, told in your morph.

Extract the claims, keep how each stands, tell it in your voice.



YOUR MORPH: THE TEN SCALES

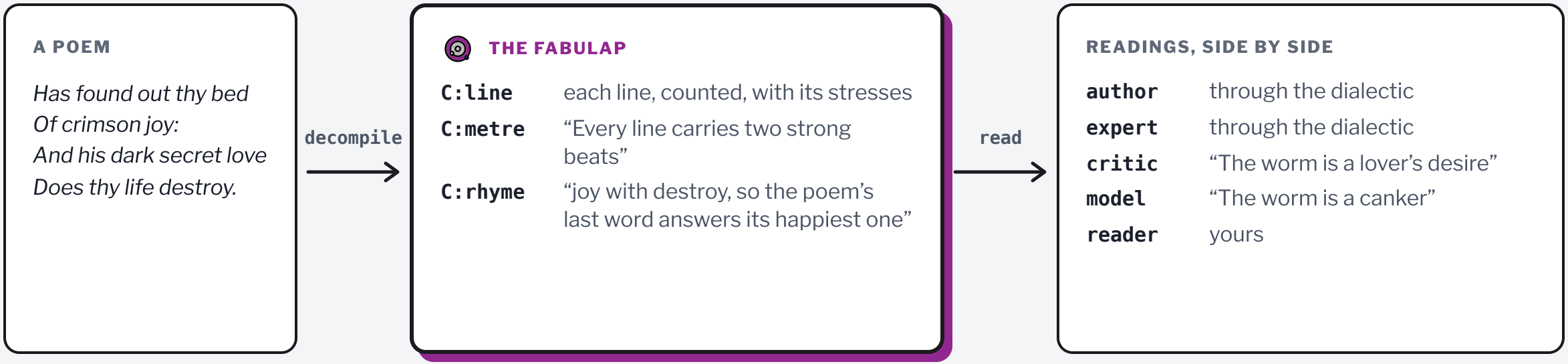
`register` `sentence-length` `paragraph-rhythm` `analytical-depth` `figurative-density` `stance-style` `person-voice` `formality` `humour` `allusion`

THE READING FOOTER, AT ITS END

```
*a reading of notes.md through plain-letter, made here on
2026-11-01 by g40-04; the text stands unchanged*
```

Verse: readings side by side.

A fabulap holds a poem's lines, metre and rhyme, and every reading of it.



"A fabulap does not choose."

Decompile a program to its specification.

A programmer can preserve design decisions and functionality intent along with their entire development history; future developers can rebuild the same tool on their era's optimal stack.

SOURCE

A repository

`decompile` →

THE FABULAC

Five stages, each a whole run:

`survey`	no model
`history`	no model: the log, the tags
`read`	asks a model, once per file
`fold`	asks a model, over the whole
`question`	asks the people who made it

`compile` →

ENTAILMENTS

compiled from the fabulac alone, on the next slide

SCOPE

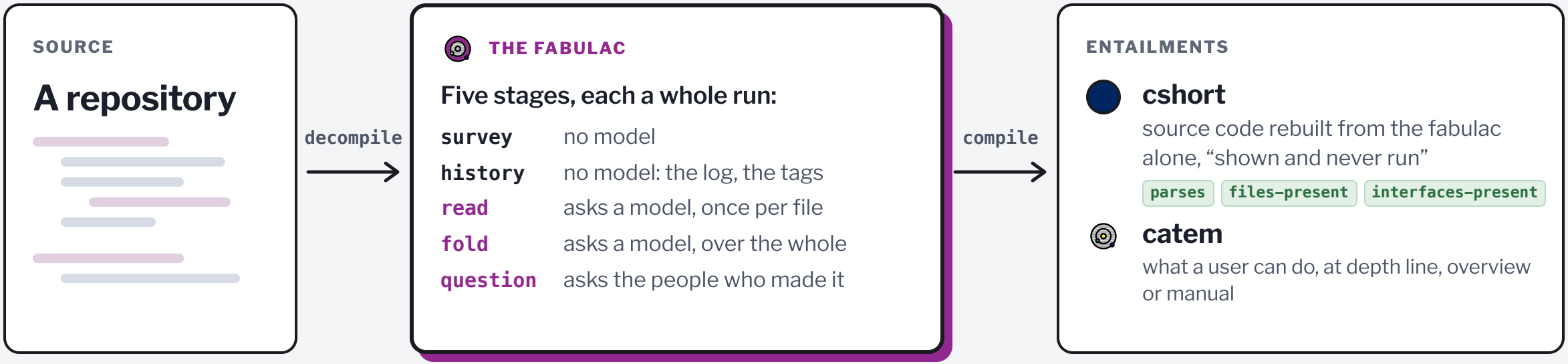
This edition: pure-Python source "that a person could read in an afternoon", up to about sixty files and six thousand lines. Larger repositories and other languages: a later edition.

FROM THE FABULAC OF `days` : A DECISION, AND A QUESTION FOR ITS MAKER

```
- id: N:decision/iso-dates-only
  name: Dates are written YYYY-MM-DD
- id: D:question/dates-in-words
  asks: Why are dates in words, such as "next friday", not read?
```

Rebuild it from the specification alone.

Compile the fabulac: back to source code, or out to a manual.

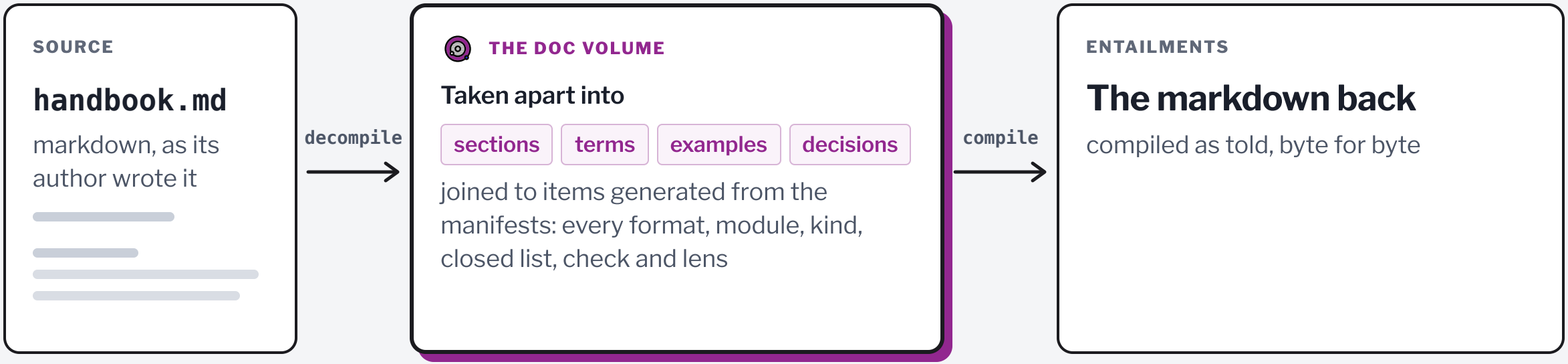


THE FIRST LINE OF ITS CSHORT'S `CSHORT.md` , AND THE LAST OF ITS CATEM

```
*a cshort of days.fabulac.cosm, in Python, compiled on 2026-11-05 by vendor/large-model (…); never run*
*a catem of days.fabulac.cosm, at depth overview, compiled on 2026-11-05 by vendor/large-model (…)*
```

Documents that answer to the manifests: DocOES.

A document's fabula, item by item, declared `oes: doc/1`.



ONE ITEM OF THE DOC VOLUME OF `handbook.md`

```
- id: T:term/close
  summary: A close is the overnight run that locks one day of a customer's books.
  defined_in: S:section/1
```

A program that reads like a manual.

Every keyword is a FEED dictionary word.

```
thym 0
program publish-story
  why: a story leaves the house with its fabula and its
       author's morph, so that others may read it their way
       and the author's way stays the author's.
  must: nothing in the package names the author.
  decided 2026-11-01: readings are local and labelled;
       the text is never replaced.
  takes story: text
  gives out: package
  let f = derive story          -- text to fabula; …
  assert f covers story else "the fabula does not cover the text"
  let m = measure story against null of f -- the holomorph: …
  let c = context of story
  let g = graph of story
  give package story, f, m, c, g
end
```

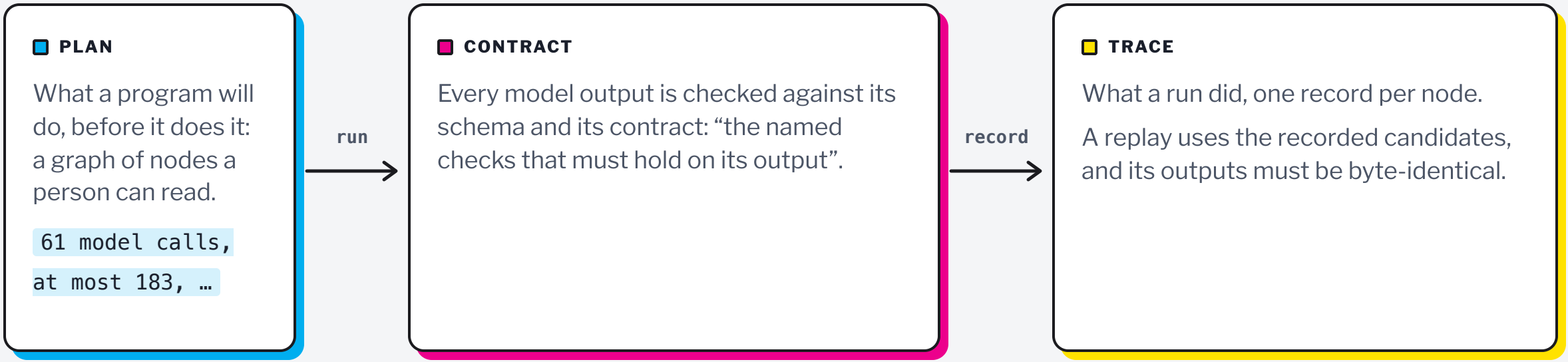
why: The ideal state the block serves. Its first sentence is the block's atem.

must: Stated, not checked. A checked constraint is an `assert`.

decided A decision, with its date: `decided 2026-11-01`.

Plan, contract, trace.

Inspectable before anything runs, and checked while it does.



A program compiles whole or not at all.

A run lands every output or none.

A local run needs no ceiling: it costs time, not money.

What holds everywhere

Transcodable meaning improves recognition. Recognition preserves what matters. We can know and understand ourselves/each other so much more/better.

01	**No product and no account stands between a subject and their own files.**	THE OES TEXT
02	**Withhold, never falsify.**	EVERY PROJECTION
03	**A reading never touches the source, and its label is never hidden.**	THYM, READINGS
04	**No move strengthens a claim's stance.**	THYM, THE SIX LAWS
05	**Every format is documented completely enough that a second reader, writer, vault or index can be built from the text alone.**	THE OES TEXT

Where it stands

“Tellings” become “entailments.” Improvements to Thym and fabulac creation. More polish under the hood.

Today

IN THE APPS

A	The Holotype, its checks, the isotype and the sealed package, in Comprise.
B	The holograph, its bank, candidates from your own texts, the holomorph and the allograph, in enough; the Allograph Registry, on Comprise Connect.
C	Canon, the fabula, atems, shorts and readings, in enough.
D	The fabulac, the cshort, the catem and DocOES, for pure-Python source, in enough.
E	Thym programs, with their plans, contracts and traces, in enough.

Specified

LATER EDITION

D	Larger repositories, and languages other than Python.
·	MicroCOSMs: one organization’s additions on top of a MiniCOSM.

Edition 0.7.0. In the apps today.

COMPRISE

The app for Mac, Windows and Linux, with Comprise Connect for an encrypted backup.

comprise.company · compriseconnect.com

enough

The Mac app that holds Canon, the fabula, Ascribe and Thym. “Very much beta software,” in its own words.

enough.support

MacroCOSM OES

Only from a baseline of all available meaning and intention can we faithfully draw our own conclusions of a text, or understand how and why software works.

The five texts at edition 0.7.0: cosmoes.org, with macro., comprise., ascribe. and thym.

Thym

The transcognition language that connects OESes. Shipped in enough.

thym.cosmoes.org

Try using MacroCOSM and its MiniCOSMs to write a story or a piece of software, and let us know how it goes!