

The concepts, and what the evidence says about them

The vocabulary this book is being built out of, what the twenty-one carried source documents actually say about it, where the material contradicts itself, and what is still unanswered. Assembled in one sequence so that none of it depends on clicking through a website.

FOR The author, an editor, or a reviewing agent who has read nothing else
RELEASE v0.4.3 · 23 August 2026
BUILT every release
DRAWN FROM v1/altitudes/data/altitudes.json 8f5c605ffcff · v1/docs/data/docs.json 1c957afa9e43 · decisions/data/decisions.json 0cd6b34b6e88

This is not the book. It is supporting material, generated from the same data the site publishes, arranged in a fixed order so that a reviewer and the author read the same things in the same sequence. The book is at </v1/book/>. Nothing in this pack needs a link followed.

How to read this

Seven sections, in a fixed order, and the order is the argument: the **vocabulary** first, then **which of it the corpus actually carries**, then **what the material disagrees with itself about**, then **what is unanswered**. Nothing here needs a link followed. Every table stands alone and every figure has a caption that carries its point.

What you are being asked to decide is at the end, numbered. The short version: **is this the vocabulary of the book you intend to write?** Everything else in this pack exists to make that question answerable.

1. The vocabulary

24 concepts, each with a definition, what it is also called, and **what it is near but importantly not**. That last column is the one that does the work: a definition says what a thing is, and a near-but-not says which neighbouring idea a reader will otherwise substitute for it.

graphs.sgit.ai
part of sgit.ai
REFERENCE DRAFT
v0.4.0
Start here
The book
The grammar
Depth
The vaults
Examples
Reality
Site
GitHub

graphs.sgit.ai → the altitude ladder → The concept map

The concept map

The ladder's ontology types the **units** — what kind of chunk of book is this? It says nothing about the **ideas** those units carry, and that is the layer this page adds: a **dictionary** (what does this concept mean?) crossed with a **thesaurus** (what else is it called, and what is it near but importantly not?), with typed edges between concepts instead of a bag of "related" links. Enter from any idea. A concept has things it rests on, things that rest on it, and units at several altitudes carrying it at once — consolidated above, expanded below — which is the crossing the ladder alone cannot show.

Why there is no "related to" here. The easy way to build a concept map is one symmetric link type. This book bans exactly that edge, so every relation between two concepts is a verb with a distinct inverse: grounds / grounded_by, specialises / generalises, constrains / constrained_by, enables / enabled_by, opposes / opposed_by. The inverses are written into the data rather than inferred at read time, so the map can be walked in both directions by anyone who never read this paragraph.

The peaks

Some ideas are places others flow into. **Strength** is a stated formula over the edges — $\text{out} + 2 \times \text{incoming} + \text{units} + 2 \times \text{demonstrations}$ — so this ranking can be disagreed with by recomputing it rather than by arguing about taste. Incoming counts double because being depended upon says more than depending; a demonstration counts double because a published artefact outranks an argument.

1 Meaning through connectivity 19	2 A claim is worth its chain of custody 13	3 Confidence is a function of connectivity 12	4 Schema-first thinking 12	5 Merging erases the disagreement 10
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What the book reduces to

24 concepts	14 facts	26 assertions	0 opinions	36 units	8 findings
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Derived, not hand-typed: an evidenced claim is counted as a **fact**, an argued one as an **assertion**, an unevidenced one as an **opinion**. A hand-typed register that separates a claim from an assertion properly is review r002 item 4's job, and this is the honest placeholder for it.

The map

Pick any concept on the left. The bar behind each name is its strength; a gold edge marks a peak.

24 concepts
by strength
A-Z

Meaning through connectivity 19 · peak

A claim is worth its chain of custody 13 · peak

Confidence is a function of connectivity 12 · peak

Schema-first thinking 12 · peak

Merging erases the disagreement 10 · peak

A named absence beats a hidden one 9

Every edge is a verb with a

Meaning through connectivity A PEAK

What a thing **is** emerges from the edges traceable from it, not from anything stored inside it. The node is the address; the edges are the meaning.

ALSO CALLED

the thesis · the title after the colon

NEAR, BUT NOT THE SAME

semantic search — which infers meaning from similarity rather than deriving it from structure

OUTWARD — WHAT THIS REACHES

- constrains Properties may carry data, never meaning
- enables Classification is a query, not a judgment

INWARD — WHAT REACHES THIS

- grounded_by Confidence is a function of connectivity
- constrained_by The same grammar at every altitude

The concept map, all twenty-four. Gold borders are the computed peaks. The clustering is not laid out by hand: it is force over the declared edges, so a concept that sits alone sits alone in the corpus too.

Meaning through connectivity PEAK strength 19

What a thing **is** emerges from the edges traceable from it, not from anything stored inside it. The node is the address; the edges are the meaning.

Also called: the thesis, the title after the colon

Near but not: semantic search — which infers meaning from similarity rather than deriving it from structure

A claim is worth its chain of custody PEAK strength 13

Claim, graph node, file, commit, official source with the hash of the retrieved bytes. Every link walkable by a reader who holds nothing privileged.

Also called: chain of custody, end-to-end provenance

Near but not: a citation list — which names sources without making them checkable

Confidence is a function of connectivity PEAK strength 12

How much a claim can be trusted is computable from how richly it is connected: no edges, local edges, typed definitions, anchor nodes, external references, rich multi-hop paths.

Also called: the confidence ladder

Near but not: probability — the ladder is not a likelihood, it is a reachability measure

Schema-first thinking PEAK strength 12

Deciding in advance what types exist and requiring everything to conform, so that meaning is attached to **nodes** rather than derived from edges. The position this book takes a stand against.

Also called: conform-first, the Semantic Web's practical mistake

Near but not: having a schema at all — the objection is to the direction of authority, not to structure

Merging erases the disagreement PEAK strength 10

Two parties' vocabularies are kept intact and bridged, because the disagreement between them is usually the most valuable thing present. Three layers: shared facts owned by nobody, per-party formulas, declared bridges.

Also called: keep both senses, divergence as output

Near but not: translation — which produces one text where there were two positions

A named absence beats a hidden one strength 9

Three of ten pieces of evidence is information. An absence that is stated can be queried, assigned and closed; an absence that is hidden silently supports whatever rests on it.

Also called: honest uncertainty, the ghosted node

Near but not: a missing value — which is the absence of a record, not a recorded absence

Classification is a query, not a judgment strength 9

A node type is a **formula over paths**: a Vulnerability is a Fact with an upward gives_rise_to path to a Risk. Judgment does not disappear; it moves out of a head and into something visible, versioned and arguable.

Also called: node type formulas, the content does not decide the type, the paths do

Near but not: tagging — which records a judgment instead of computing one

Every edge is a verb with a distinct inverse strength 9

An edge is named as a verb, and its inverse is a **different** verb rather than the same edge walked backwards: `owned_by` and `owns` have different fan-out, and that asymmetry is what bounds traversal.

Also called: the grammar rule, verb edges

Near but not: a labelled edge — a label is not yet a verb, and a verb without a distinct inverse is half an edge

Both directions carry a name strength 8

Because every edge names its inverse, a path can be walked and read in either direction, and the reading changes: down a grounds chain reaches assumptions, up it reaches consequences.

Also called: walk it both ways

Near but not: an undirected edge — which has no reading at all

Documents are projections of graphs strength 8

A page, a chapter, a PDF and a slide are renderings of one underlying structure. Change the structure and every projection follows; change a projection and you have created a fork.

Also called: render, do not author twice

Near but not: export — which copies a document rather than deriving it

Supersede, never delete strength 8

A corrected claim is marked from a date and kept, because removing it destroys the record of what was resting on it. The question a correction must be able to ask is: what rested on this?

Also called: mark it, keep it

Near but not: versioning — which keeps the old text without keeping what depended on it

The file system is the source of truth strength 8

Query engines are loaded on demand over files and thrown away. There is no live database anywhere, and that is an architectural position rather than a purity claim: an engine with no state of its own cannot drift.

Also called: no live databases, the browser is the database

Near but not: no databases at all — the corrected claim is narrower and stronger

Compatibility is computed, not declared strength 7

Whether two things can work together is a spectrum, asymmetric and purpose-relative, computed from the edges — not a boolean somebody asserts in a standard.

Also called: a spectrum, not a boolean

Near but not: conformance testing — which asks whether one thing matches a fixed target

Enrichment, not enforcement strength 7

When confidence is low the remedy is adding edges, never adding rules. The graph grows; it does not constrain.

Also called: the graph grows, it doesn't constrain

Near but not: validation — which is enforcement wearing a helpful name

Join at the node layer, never document to document strength 7

To connect two bodies of text, lift **both** into typed nodes first and join at an intermediate layer. A document-to-document link is only as good as the sentence somebody wrote around it.

Also called: node-to-node, the junction

Near but not: a citation — which points at a document and stops

A node alone means nothing strength 6

A label is not a meaning. A node with no edges cannot be distinguished from any other node carrying the same label, so it carries no information at all.

Also called: a node is just a node

Near but not: an empty node — which has a type and a place, and is therefore not the same thing

A path must read as a sentence strength 6

If a traversal does not read as natural language in the reader's own tongue, the edges are wrong. The test is linguistic because the failure is semantic.

Also called: the sentence test

Near but not: a readable label — the test is over a whole path, not one edge

Never render the whole graph strength 6

You render the **result of a query**, never the graph itself. Build wide, find the few, then flip. A rendered graph past a few hundred nodes is a picture of nothing.

Also called: build wide, find the few, flip

Near but not: filtering — which hides what it does not show; a query states what it asked

Obligations attach at the twin strength 6

A duty binds the running instance and its telemetry, not the paragraph in the register beside it. The graph attaches the obligation where it actually bites.

Also called: attach at the instance

Near but not: a control mapping — which attaches to a document about the thing

The generic association edge is banned strength 6

`relates-to` is refused because everything relates to everything: it constrains nothing, costs fan-out, and is what you reach for when you have not yet decided what you mean.

Also called: no `relates-to`

Near but not: a weak edge — which still says something, where a generic edge says nothing

The same grammar at every altitude strength 6

One grammar, one validator, one provenance rule at every level of zoom: expand any node and the thing inside obeys identical rules. Stated as falsifiable, not as a metaphor.

Also called: fractal semantic graphs, graphs of graphs of graphs, G3

Near but not: self-similar visuals — the claim is about rules, not about how the picture looks

Properties may carry data, never meaning strength 5

A property may hold a timestamp. It may not hold the answer to *what kind of thing is this?*, because that answer is a query over edges.

Also called: properties are just words

Near but not: property graphs — which are a storage model, not the objection

Reference without authority strength 5

A shared vocabulary node others **may** link to, rather than a definition they **must** conform to. Interoperability without conformity; partial mapping is normal.

Also called: the lexicon, bridge nodes

Near but not: a canonical model — which is an anchor that acquired authority

Two identities for one thing strength 5

A positional identity that survives renumbering and a content identity that moves with the wording, so a citation can outlive an amendment without pretending the text is unchanged.

Also called: positional hash and content hash

Near but not: a version number — one identity trying to do two jobs

2. The peaks, and the formula that found them

These were computed, not chosen. Disagree by disagreeing with the formula, which is one line and is printed here so it can be argued with:

```
strength = outward edges + 2 × inward edges + units carrying it + 2 × published demonstrations
```

CONCEPT	STRENGTH	WHY IT SCORES
Meaning through connectivity	19	5 out, 3 in, 6 units, 0 demonstrations
A claim is worth its chain of custody	13	2 out, 3 in, 3 units, 0 demonstrations
Confidence is a function of connectivity	12	4 out, 2 in, 4 units, 0 demonstrations
Schema-first thinking	12	1 out, 4 in, 3 units, 0 demonstrations
Merging erases the disagreement	10	2 out, 1 in, 4 units, 0 demonstrations

One peak is uncomfortable and is kept. *Schema-first thinking* is the position this book exists to argue against, and it scores as one of the strongest nodes, because five separate concepts define themselves partly by opposing it. It was not tuned away. The caution it carries: a strongly connected node is not a well-supported one, and any ranking that conflates connectivity with evidence will overstate whatever the book repeats most often.

3. What the corpus actually carries

21 source documents, 63,038 words, carried byte for byte with their hashes. Each was measured against the vocabulary mechanically: every concept declares a phrase list, the build counts occurrences, and the phrase list is published so the measurement can be disputed. 23 of the 24 concepts appear at all.

G3 in the founder's own later vocabulary, applied to permissions.					
Fractal Risk Registers: One Per Accepting Role, In Their Language Where the seven stakeholder altitudes and the acceptance mechanism come from.	12	3	3	1	2,674
Paying The Fact Creator: The Question Is Not Whether A Claim Is True Citation diversion, and the most checkable worked example in the corpus.	12	3	3	1	3,382

Influence is `concepts + 2 × places + 3 × review asks resolved`, computed on every build. **Concepts** is how many of the concept map's twenty-four are measured in the document's own words; **places** is how many pages of this site are recorded as resting on it; **asks** is how many review items or decisions went looking for this material. Disagree with the ranking by disagreeing with the formula — it is one line, and it is here.

The concepts that join these documents
20 of the 23 concepts measured across the set appear in more than one document; 3 appear in only one. The joins are what the consolidated graph above is made of.

CONCEPT	IN	MENTIONS	CONCENTRATION	CARRIED MOSTLY BY
A claim is worth its chain of custody	20 / 21	103	0.50	A Fact Does Not Exist In A Va... 18, Paying The Fact Creator: The ... 17, Fractal Semantic Graphs All T... 16
The same grammar at every altitude	13 / 21	115	0.53	Fractal Semantic Graphs All T... 23, Every Paragraph Is A Graph: T... 21, Fractal Risk Registers: One P... 17
A named absence beats a hidden one	9 / 21	44	0.70	Confidence Through Evidence: ... 15, Issues-FS Lexicon: The Root G... 10, Thinking in Graphs: Meaning T... 6
Confidence is a function of connectivity	9 / 21	49	0.82	Confidence Through Evidence: ... 29, Graphs Of Graphs: Mapping Rea... 6, The Grounding Ladder: One Nod... 5
Obligations attach at the twin	9 / 21	135	0.84	Digital Twins of Anything, an... 51, Every Paragraph Is A Graph: T... 32, The Grounding Ladder: One Nod... 31
Compatibility is computed, not declared	8 / 21	118	0.80	Compatibility Through Connect... 58, Issues-FS Lexicon: The Root G... 19, Thinking in Graphs: Meaning T... 17
Merging erases the disagreement	8 / 21	48	0.69	Compatibility Through Connect... 13, Concepts, Not Words: The Mode... 11, Ontologies of Ontologies:

All twenty-one sources, joined by the concepts they share. Purple is a document, green a concept. The documents were written months apart for different audiences; nothing joins them here but the concepts they were independently measured to contain.

Concentration: breadth of mention is not weight

A concept mentioned in every document is not the same as a concept carried by every document. Concentration is the share of a concept's total mentions sitting in its top three documents. High means a couple of documents do the work and the rest allude to it.

CONCEPT	IN	MENTIONS	CONC.	CARRIED MOSTLY BY
A claim is worth its chain of custody	20/21	103	0.50	a-fact-in-a-vacuum (18), paying-the-fact-creator (17), fractal-semantic-graphs (16)
The same grammar at every altitude	13/21	115	0.53	fractal-semantic-graphs (23), every-paragraph-is-a-graph (21), fractal-risk-registers (17)
A named absence beats a hidden one	9/21	44	0.70	confidence-through-evidence (15), issues-fs-lexicon (10), thinking-in-graphs (6)
Confidence is a function of connectivity	9/21	49	0.82	confidence-through-evidence (29), graphs-of-graphs (6), the-grounding-ladder (5)

CONCEPT	IN	MENTIONS	CONC.	CARRIED MOSTLY BY
Obligations attach at the twin	9/21	135	0.84	digital-twins-of-anything (51), every-paragraph-is-a-graph (32), the-grounding-ladder (31)
Compatibility is computed, not declared	8/21	118	0.80	compatibility-through-connectivity (58), issues-fs-lexicon (19), thinking-in-graphs (17)
Merging erases the disagreement	8/21	48	0.69	compatibility-through-connectivity (13), concepts-not-words (11), ontologies-of-ontologies (9)
Both directions carry a name	7/21	35	0.80	directed-edges-query-paths (21), the-grounding-ladder (4), avoid-the-blob (3)
Meaning through connectivity	7/21	22	0.68	thinking-in-graphs (6), compatibility-through-connectivity (5), digital-twins-of-anything (4)
Reference without authority	7/21	226	0.94	issues-fs-lexicon (157), thinking-in-graphs (47), compatibility-through-connectivity (8)
The file system is the source of truth	6/21	63	0.94	the-browser-is-the-database (49), fractal-semantic-graphs (8), every-paragraph-is-a-graph (2)
Enrichment, not enforcement	5/21	17	0.82	a-fact-in-a-vacuum (7), thinking-in-graphs (4), avoid-the-blob (3)

Only two concepts come in under 0.55. The most distributed is *A claim is worth its chain of custody* at 0.50. Everything else sits above 0.7, which is the caution to carry into any claim that the corpus is "about" a given idea.

4. What the first edition reduces to

KIND	COUNT
Facts, meaning claims with resolving evidence	14
Assertions, meaning claims argued but not evidenced	26
Opinions, meaning claims stated as preference	0
Measured cross-references between chapters	42

Derived, not hand-typed: an evidenced claim is counted as a **fact**, an argued one as an **assertion**, an unevidenced one as an **opinion**. A hand-typed register that separates a claim from an assertion properly is review r002 item 4's job, and this is the honest placeholder for it.

5. Where the material disagrees with itself

8 findings, 3 still open. A finding is not a defect to be tidied away: a contradiction can be correct in context, and the point of making them detectable is that they can then be argued about rather than discovered by a reader.

The book says both that there is no query engine and that there is one open · contradiction

At level 3 the paragraph for chapter 12 ("no graph database, no browser SPARQL or Cypher, no RDF in the code") sits four units from the paragraph for chapter 7 ("eleven views including a SQLite interface, an RDF/Turtle export and a graph REPL"). Both sentences are true — one describes the codebase, the other describes a published vault — but compressed onto one page they read as a contradiction, and a reader of the full book meets them forty pages apart.

Accepted because: A correction is proposed and awaits agreement; until the wording lands, a reader can still meet both sentences and believe the book contradicts itself.

The Semantic Web's mistake is stated twice, in two parts accepted · repeat

Chapter 1 carries the mistake in one paragraph with a pointer to the full treatment; chapter 5's first section is the full treatment. At level 3 the two paragraphs say nearly the same sentence. Climbing to level 2 forced a choice, and Part III took it — which means Part I's own summary leans on a claim that Part III owns.

Accepted because: Deliberate altitude repetition, signposted in the text: chapter 1 states it and points at chapter 5 for the argument. Repetition across altitudes is the book's design, not a defect, and removing it would make chapter 1 incomplete for a reader who stops there.

Five ideas, from a source that lists ten principles open · compression-loss

Climbing from level 4 to level 3 in chapter 2 loses nothing, because the chapter only ever had five. The loss happened below level 5, between the foundational source document and the book: the source's summary lists ten core principles. Three of the missing five are still present in this chapter's prose without being named as principles (compatibility computed not declared, honest uncertainty, enrichment not enforcement); two are absent (cross-graph edges as first-class, no node aware of how it is used).

Accepted because: The chapter audit has not run yet. Three of the missing five are present in the prose without being named as principles, which is a fixable gap rather than a disagreement.

Compressed honestly, the book's top paragraph has no room for "fractal" accepted · weight

Level 1 was built bottom-up from level 2, and fractal did not survive the climb: it holds six mentions in one chapter and one elsewhere, so it entered level 2 as a single clause inside Part III and was squeezed out at level 1. It appears in the level 1 graph as a claim, but not in the level 1 text.

Accepted because: Accepted with a condition rather than closed: the title decision was taken knowing this, and the fractal treatment grows in the v0.4.0 identity release. If v0.4.0 ships without the interior growing, this returns to open, because then the cover would promise what the text does not carry.

The position the book argues against is one of its strongest nodes accepted · concept

Adding the concept layer produced a ranking nobody chose: strength is a stated formula over the edges, and **schema-first thinking** — the thing this book exists to argue against — comes out among the peaks, level with confidence-is-a-function-of-connectivity. It earns that place honestly: five separate concepts define themselves partly by opposing it, so the edges genuinely converge there.

Accepted because: The metric is measuring connectivity, which is what it claims to measure. A book of arguments has its antagonist as a centre of gravity, and a strength score that hid that would be measuring agreement instead.

Compression does not just shorten, it re-classifies accepted · classification

Giving each level its own taxonomy was meant to be bookkeeping. It produced a result instead. The classes do not survive the climb: a section classed **Rule** at level 4 sits inside a chapter classed **Prescription** at level 3, inside a part classed **Argument** at level 2. Nothing inherits. And the vocabulary changes kind, not just granularity: at level 4 a unit is best described by what it does to the reader (definition, demonstration, rule, correction, signpost), while at level 2 it is best described by what kind of matter it is (argument, evidence, disclosure, apparatus). At level 1 the taxonomy collapses entirely, because a taxonomy of one unit is not a taxonomy.

Accepted because: A result rather than a defect. The classes are level-dependent by nature, and forcing one vocabulary across all levels would be the schema-first move this book argues against.

Two sibling sites publish the same graph with different numbers open · cross-estate

This book reports the issue tracker's own graph as **71 nodes and 141 edges** in four places, adding "edges stored bidirectionally" in two of them. The Issues-FS site, published 22 August 2026, reports the same graph as **141 link entries across 71 nodes, for roughly 70 logical relationships**, because a link is written to both endpoints by design: one `link` command produces two entries. Both estates measured the same repository and neither is careless. The gap is a convention: this book counts a directed verb as an edge, which is its own grammar's rule that an inverse is not the same edge walked backwards, while the sibling counts relationships and says so. A reader who counts relationships and a reader who counts entries will disagree by a factor of two.

Accepted because: Ask N15 is unanswered, and 141 does not divide cleanly into two-entry relationships, so neither convention can be adopted until the sibling estate explains the remainder.

A contradiction the book already narrates, which the method correctly does not flag as new accepted · control

Chapter 3 bans the generic association edge, then names the project's own live configuration shipping a `relates-to` pair with one edge instance using it. The ladder surfaces the tension; the book had already disclosed it deliberately, in the same chapter, with the reasoning.

Accepted because: Disclosed in the text where it occurs, with the reasoning. It is kept as the control case that shows the method distinguishes a hidden contradiction from a stated one.

6. What the build checks on every release

Five rules, each stating itself. A check with zero hits is kept, because a rule with no hits is still a rule.

strong-but-unshown 2 hits

```
concept where strength >= 10 AND demonstrated_by is empty
```

Connectivity and evidence are independent axes. A concept can be central to the argument and carry nothing but argument, which is not a fault in the concept — it is a fact about where the evidence programme should go next.

units-under-two-findings 6 hits

```
unit referenced by more than one finding
```

Two findings on one unit is the signal a list of findings cannot give you. It usually means the unit is doing too many jobs at once.

nothing-rests-on-it 3 hits

```
concept with zero inward edges
```

A leaf idea is not a weak one: some concepts are terminal by nature. But a leaf that the book treats as foundational is either mis-modelled or under-connected, and this is the list to read with that question in mind.

text-with-no-concept 9 hits

```
level 3 or 4 unit carried by no concept
```

Not a defect in the text: it means the concept layer has not reached there yet. It is the honest to-do list for extending the concept map, and it shrinks as the map grows.

opposition-in-one-place 2 hits

```
two concepts joined by an opposes edge that both appear in the same unit
```

Usually deliberate and usually good: that is where an argument is made. Worth watching because it is also where a reader is most likely to leave with the wrong half.

7. What is unanswered

10 of 14 decisions are open. Each is the peak of its own small graph: the options below it, the cost of each option below that, and the work it blocks out to the side.

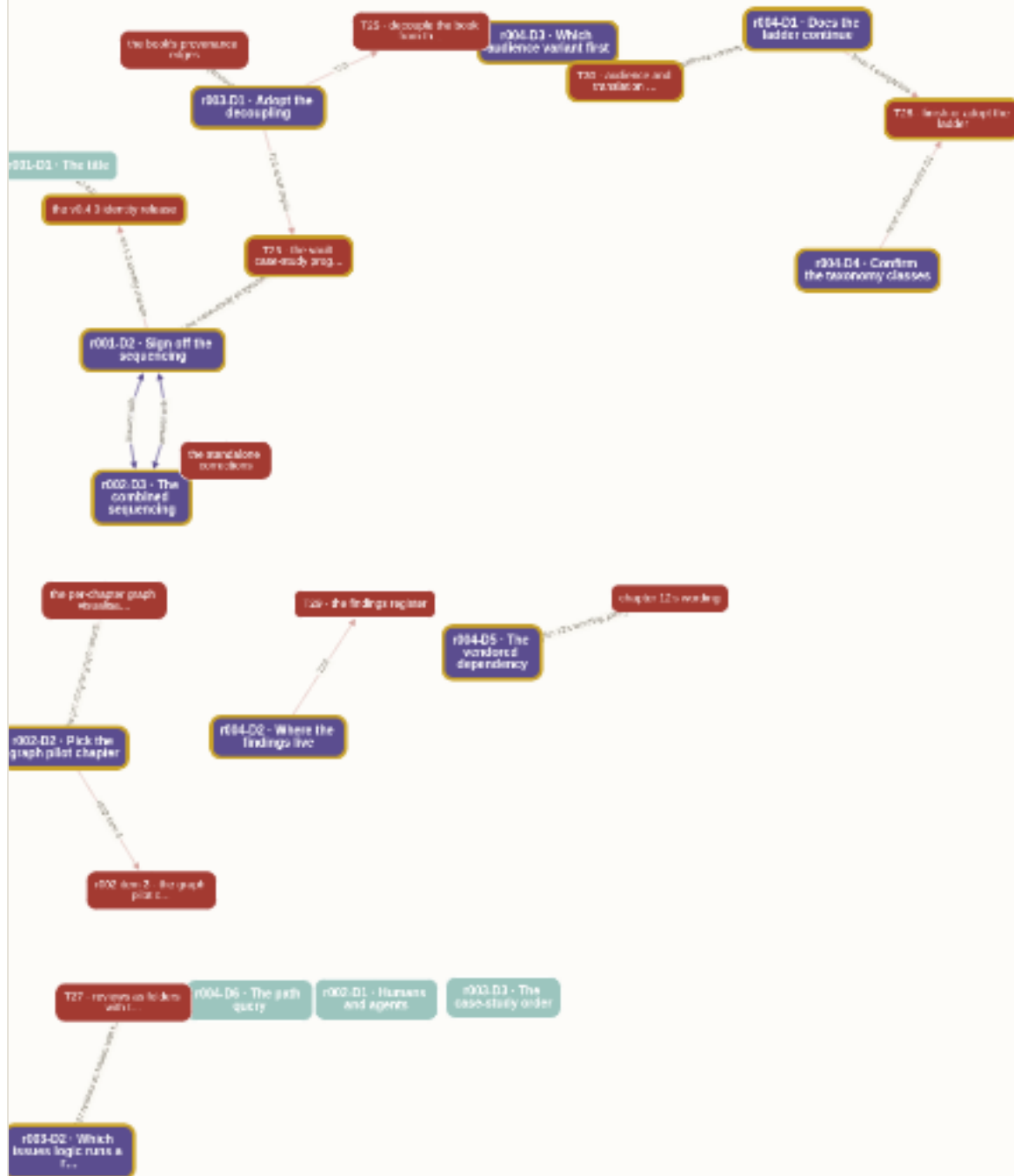
whole register

one

all

fit

wide



The whole decisions register. Purple is a decision, red is a piece of blocked work. Where two decisions reach the same block they are one decision raised twice, in two reviews, in two vocabularies: four of the twelve blocks are shared that way.

r001-D2 · Sign off the sequencing

Sign off the sequencing, as reshaped by review r003: the evidence programme (vault case studies at full site granularity) runs first; the identity release (title, lineage and fractal chapters) follows, distilling from that evidence; the no-dependency corrections land as agreed along the way; the chapter audit runs throughout.

OPTION	WHAT IT DOES	WHAT IT COSTS
Sign off as reshaped PROPOSED	Evidence programme first, identity release after, corrections along the way, chapter audit throughout.	The cover says one thing and the published book says another for longer.
Adjust the order	Name what moves and the rest re-plans around it.	Anything moved ahead of the evidence programme has to be written from argument rather than from artefacts.

r002-D2 · Pick the graph pilot chapter

The pilot chapter for the book-as-graph: chapter 5 (Against schema-first) as proposed, or another chapter?

OPTION	WHAT IT DOES	WHAT IT COSTS
Chapter 5, Against schema-first PROPOSED	Claim-dense, evidence-thin: the ghosts will show.	It is also the chapter most likely to change in the identity release.
Another chapter	Name it and the pilot moves.	A well-evidenced chapter flatters the pilot and teaches less.

r002-D3 · The combined sequencing

The combined sequencing, jointly with r001's decision D2 and as reshaped by review r003: standalone wins first (footnotes, toolbox, the database correction), the evidence programme (vault case studies) next, then the identity release, then the graph pilot and chapter visualisations.

OPTION	WHAT IT DOES	WHAT IT COSTS
Sign off as reshaped PROPOSED	Matches r001 D2.	None
Adjust	Say what moves.	None

r003-D1 · Adopt the decoupling

Adopt the decoupling as specified? The book gets its own markdown source tree, seeded from today's seventeen units so the split starts at zero drift, and the build gate flips from equality (book must match the site) to provenance (every book unit must name the site pages, version and commit it distilled from, with drift reported rather than forbidden).

OPTION	WHAT IT DOES	WHAT IT COSTS
Adopt as proposed PROPOSED	The book gets its own source tree seeded at zero drift; the gate flips from equality to provenance, so every book unit names the pages, version and commit it distilled from, and drift is reported rather than forbidden.	One release of pipeline work before any new writing, and provenance blocks to maintain from then on.
Adjust the architecture	Same split, different mechanism — say what changes.	Any weaker gate risks silent drift, which is the failure the current gate exists to stop.
Keep the coupling for now	Nothing changes; the site stays constrained by what the book can carry.	The vault programme either duplicates the estate or stays thin about it.

r003-D2 · Which issues logic runs a review folder

Which issues logic manages a review's folder: in-repo issues in the IssuesFS pattern (issues as files, states as data, the graph computable from the folder), or GitHub issues? The agent recommends in-repo: it keeps the serverless-pull-request property this workflow is named for, and it dogfoods the very case study r001 item 8 wants written.

OPTION	WHAT IT DOES	WHAT IT COSTS
In-repo issues, the IssuesFS pattern PROPOSED	Issues as files, states as data, the graph computable from the folder.	No notifications: somebody has to look.
GitHub issues	Notifications and a familiar interface.	The serverless-pull-request property is lost, and the record leaves the artefact.
Both	In-repo as the record, GitHub mirrored for notification.	Two places to keep in step, which is the drift problem this project keeps writing about.

r004-D1 · Does the ladder continue

Does the experiment continue? Three ways to take it: **stop** (the ladder stays as a published experiment, and the book carries on as it is); **finish the pilot** (take level 4 across all seventeen units, keeping the graph layer where it is); or **adopt** (the ladder becomes part of the build, authored in `content/altitudes/`, gate-checked like the book, with level 4 complete and the graph layer lifted everywhere). The agent recommends finishing the pilot first: the sharpest findings came from level 3 and the two drilled chapters, and the cost of the next twelve chapters is now measurable rather than guessed.

OPTION	WHAT IT DOES	WHAT IT COSTS
Finish the pilot: level 4 for all seventeen units PROPOSED	Completes the ladder at its most productive altitude.	The largest single writing task open.

OPTION	WHAT IT DOES	WHAT IT COSTS
Adopt into the build	The ladder is authored in content/, gate-checked like the book.	Gate-checking a thing that is still changing shape slows both.
Stop here	The ladder stays a published experiment.	The concept layer and the checks keep working; only the level 4 coverage stalls.

r004-D2 · Where the findings live

The findings need a home. Do repeats and contradictions become a **standing register** (a page like the reviews register, where each finding has a state and is closed by a release), or do they stay a **per-run output** of the ladder, regenerated and re-read each time? The agent recommends the standing register: a contradiction that is found, forgotten and re-found is not a finding, it is a treadmill.

OPTION	WHAT IT DOES	WHAT IT COSTS
A standing register with its own page PROPOSED	Findings get stable ids that a release can close, like the comms board's tasks.	Another register to keep current.
Leave it as it is	The ladder page carries findings and checks together.	A finding cannot be cited by id from outside the page.

r004-D3 · Which audience variant first

Which audience variant is worth building first, once the ladder is stable: a **business** projection of level 2, a **graph-literate** projection of level 3, or a **non-English** projection of level 2 (the translation case, which tests whether the graph really is what survives)? Each is one re-projection from the same graph, not a new book.

OPTION	WHAT IT DOES	WHAT IT COSTS
Business, from level 2	Cheapest, and the most likely to be asked for.	None
Graph-literate, from level 3	Tests whether the vocabulary can go up rather than down.	None
A non-English projection of level 2 PROPOSED	The strongest test of the claim: if the argument changes, that is a finding about the graph.	None
None yet	Stabilise the ladder first.	None

r004-D4 · Confirm the taxonomy classes

The per-level ontologies and taxonomies are authored by the agent and are a first pass: the classes are defensible but not confirmed, and the author is the oracle for a classification of their own book. Confirm them, or correct the classes that are wrong? The most arguable calls: chapter 4 (the edge set) is classed **Prescription** rather than Apparatus; the Introduction is classed **Argument** rather than Signpost; and level 4's class vocabulary is about what a section does to the reader, which is a different kind of scheme from every level above it.

OPTION	WHAT IT DOES	WHAT IT COSTS
Confirm as authored PROPOSED	The classes stand and the level 4 rollout uses them.	None
Correct specific classes	Name them and the data changes with the next build.	None
Rework a level's vocabulary	The largest change: a level's classes are replaced wholesale.	None

r004-D5 · The vendored dependency

This site now carries its **first vendored third-party dependency** (Cytoscape.js 3.30.2, MIT, 373 KB, committed at /assets/vendor/). Everything else here is hand-written with no runtime dependencies, and that has been a stated property. Keep it (a real graph library earns its place for a real graph), replace it with a hand-written layout to preserve the no-dependency claim, or keep it and state the exception explicitly in the engineering page and chapter 12's honesty table?

OPTION	WHAT IT DOES	WHAT IT COSTS
Keep both and state the exception in the honesty table PROPOSED	The claim becomes precise: no runtime dependency except two vendored libraries, named and versioned, plus a best-effort diagram renderer.	Chapter 12 grows a line, and the line is longer than it would have been in August.
Keep both, no further statement	Nothing changes.	A stated property with a silent exception, which is the failure mode this book names.
Replace Cytoscape with a hand-written layout, keep marked	The dependency list shrinks to a markdown parser, which is far easier to defend.	Weeks of work to reproduce a mature library, and a worse graph while it happens.

What this pack is asking you to decide

1. Is this the vocabulary?

Twenty-four concepts, with their near-but-nots. Which are missing, which are two ideas wearing one name, and which do not belong in this book at all?

2. Do the peaks match your intent?

Five were computed. If the ones you would have named are not there, the formula is wrong, the material is wrong, or the intent has moved. All three are useful answers and they are different.

3. Is concentration telling us something real?

Only two concepts are genuinely spread across the corpus. Is that a finding about the corpus, or an artefact of the phrase lists?

4. Which open findings are acceptable in context?

Three are open. A contradiction that is correct in context should be marked accepted with its reason, not resolved.

5. Any of the ten open decisions you can answer from this?

The decisions page takes an answer with a reason and gives you back a block to paste.

Provenance

Every number in this pack was computed by the build that produced it, from the files listed on the cover with their SHA-256. Re-fetch any of them and hash it: if it disagrees with the cover, this pack is describing a different build and should be regenerated.

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