

TANGIBLE_FACETS

Tangible Facets

The Concrete Elements of This Project

This document describes everything you can see, touch, count, and measure—the physical and digital artifacts that make up this work at both the production stage (now) and the finished stage (the polished book).

PART ONE: The Production Stage (These Files)

What This System Physically Consists Of

1. The Database

Location: PostgreSQL database named `biblos_logou`

Contains:

Table	Records	Purpose
`canonical_books`	73	Master list of all biblical books with metadata
`verses`	37,454+	Every verse with text, analysis, senses, status
`events`	~3,200	Biblical events for narrative arrangement
`motifs`	10	Primary orbital motifs with trajectories
`motif_activations`	Variable	Individual appearances of each motif
`typological_correspondences`	Variable	Type-antitype relationships
`sensory_vocabulary`	~500+	Sensory phrase codex by category
`patristic_sources`	~200+	Church Fathers commentary entries
`hermeneutical_principles`	7	Tonal ordering rules
`cross_references`	30,000+	Verse-to-verse connections
`thread_density_log`	Variable	Density tracking per page span
`processing_batches`	Variable	Batch processing records

Key Data Fields Per Verse:

- * `verse_reference`: "Genesis 1:1" format
- * `text_kjv`, `text_lxx`, `text_mt`, `text_vulgate`: Multiple language versions
- * `sense_literal`, `sense_allegorical`, `sense_topological`, `sense_anagogical`: Four senses
- * `emotional_valence`, `theological_weight`, `sensory_intensity`: Nine-matrix values (0-1)

- * `narrative_function`, `breath_rhythm`, `register_baseline`: Prose specifications
- * `tonal_weight`, `dread_amplification`: Hermeneutical positioning
- * `status`: Processing stage (raw -> parsed -> analyzed -> stratified -> fleshed_out -> tonally_adjusted -> refined -> verified)

2. The File System

```
BIBLOS LOGOU/
|
+-- main.py # Command-line interface (612 lines)
+-- requirements.txt # Python dependencies
+-- .env.example # Configuration template
+-- bible_refinement_db.sql # Database schema (1,200+ lines)
|
+-- config/
|   +-- settings.py # Configuration management (589 lines)
|
+-- scripts/ # Processing engines
|   +-- database.py # Database connection and repositories
|   +-- ingestion.py # Data intake pipeline
|   +-- processing.py # Verse processing (fourfold, matrix, tonal)
|   +-- output_generator.py # Markdown and JSON export
|   +-- analytics.py # Progress metrics
|   +-- orchestration.py # Batch management
|   +-- validation.py # Quality checks
|   +-- integrity.py # Data integrity
|   +-- narrative_engine.py # Narrative generation
|
+-- tools/ # Integration modules
|   +-- ai_integration.py # OpenAI/Claude/local AI
|   +-- bible_api.py # Bible text retrieval
|   +-- cross_references.py # Reference network
|   +-- patristic_integration.py # Church Fathers integration
|   +-- sensory_vocabulary.py # Sensory codex management
|
+-- data/ # Pre-computed data
|   +-- character_VOICES.py # Seven register specifications
|   +-- cross_references.py # Reference data
|   +-- liturgical_calendar.py # Feast/fast mappings
|   +-- morphology.py # Hebrew/Greek word data
|   +-- narrative_order.py # Non-chronological event sequence
|   +-- nine_matrix.py # Matrix calculation specifications
|   +-- offline_bible.py # Embedded biblical text
|   +-- orthodox_study_bible.py # OSB annotations
|   +-- patristic_data.py # Embedded patristic commentary
|   +-- precomputed.py # Pre-calculated values
|   +-- sensory_vocabulary.py # Sensory phrase codex
|   +-- unified.py # Unified access layer
|
+-- docs/ # Documentation
|   +-- IMPLEMENTATION_GUIDE.md
|   +-- WORKFLOW_GUIDE.md
|   +-- [these new files]
|
+-- output/ # Generated files
+-- logs/ # Processing logs
```

3. The Command-Line Interface

Available Commands:

Command	Function	Example
`init`	Initialize database schema and data	`python main.py init --all`
`ingest`	Import verse text	`python main.py ingest --verses data/verses.txt`
`process`	Process verses through pipeline	`python main.py process --batch 100`
`export`	Generate output files	`python main.py export --book "Genesis"'
`status`	Show system status	`python main.py status`
`fetch`	Retrieve verse text from API	`python main.py fetch --verse "Genesis 1:1"'
`validate`	Run quality checks	`python main.py validate --full`
`analytics`	Generate reports	`python main.py analytics --report`
`orchestrate`	Manage batch processing	`python main.py orchestrate --run`
`patristic`	Access Church Fathers data	`python main.py patristic --list-fathers`
`crossref`	Manage cross-references	`python main.py crossref --stats`

4. The Pre-Computed Data

What Is Hard-Coded (Not Calculated at Runtime):

- * **Fourfold Sense Templates** by book category (pentateuch, gospel, apocalyptic, etc.)
- * **Nine-Matrix Base Values** by category and verse position
- * **Breath Rhythm Patterns** by narrative function
- * **Register Specifications** (all seven registers with syntactic style, vocabulary, etc.)
- * **Primary Motifs** (all ten with planting/convergence pages, vocabulary, modalities)
- * **Harmonic Ratios** (0.5, 0.833, 0.9375 for orbital resonance)
- * **Intensity Curve** (95% -> 90% -> 60% -> 30% -> 100%)
- * **Canonical Book Order** with categories and volume assignments
- * **Church Fathers Metadata** (dates, traditions, emphases)
- * **Embedded Patristic Commentary** for key verses
- * **Sensory Vocabulary Codex** by category and modality
- * **Complete Narrative Order** (non-chronological event sequence)

5. The Validation System

Automated Checks:

Check	Target	Method
Invisibility	Machinery not visible	Scan for forbidden labels/patterns
Thread Density	18-22 at all pages	Calculate weighted sum per page span
Fourfold Completeness	All 4 senses present	Check for null values
Vocabulary Variation	10%+ between activations	Compare word sets
Motif Trajectory	Harmonic positions maintained	Verify page numbers match calculations

6. Output Files Generated

Per Book:

- * `[Book]_Commentary.md` : Full commentary in Markdown

* `[Book]_Commentary.json`: Structured data export

****System-Wide**:**

* `Progress_Dashboard.md`: Completion status overview

* `Analytics_Report.md`: Processing metrics

* `Hermeneutical_Arrangement.md`: Narrative order documentation

* `Motif_Registry.md`: All motifs with status

* `full_database_export.json`: Complete data dump

PART TWO: The Finished Book

What the Reader Will Physically Hold

1. Physical Specifications

Attribute	Specification
Volumes	40
Total Pages	~2,500
Pages per Volume	~60-65 average
Verses Covered	37,454+
Books Covered	73 (Eastern Orthodox canon)
Format	Print-ready (LaTeX/PDF)

2. Volume Division

Volume	Content
1	Genesis
2	Exodus
3	Leviticus
4	Numbers
5	Deuteronomy
6	Joshua, Judges, Ruth
7	1-2 Samuel
8	1-2 Kings
9	1-2 Chronicles
10	Ezra, Nehemiah, Esther
11	Job
12	Psalms
13	Proverbs, Ecclesiastes, Song of Solomon

14	Isaiah
15	Jeremiah, Lamentations
16	Ezekiel, Daniel
17	Minor Prophets (12 books)
18-20	Deuterocanonical
21-24	Four Gospels (one per volume)
25	Acts
26-32	Epistles
40	Revelation

3. Page Elements

****What Appears on Each Page**:**

- * Continuous prose narrative
- * No verse numbers in running text (available in index)
- * No chapter divisions in running text
- * No commentary boxes or sidebars
- * No footnotes or endnotes in standard edition
- * Clean margins

****What Does NOT Appear**:**

- * Fourfold sense labels
- * Motif markers
- * Thread density indicators
- * Patristic attributions in running text
- * Any meta-commentary

4. Front Matter

Per volume:

- * Title page
- * Table of contents
- * Brief introduction (if any)

For complete set:

- * Master index of all verse references
- * Glossary of terms (optional scholarly edition)
- * Guide to the narrative ordering (optional scholarly edition)

5. Typography

- * Serif font for body text
- * Clear paragraph breaks
- * Generous line spacing
- * Quality paper stock
- * Durable binding for 40-volume set

6. Reading Experience

****What the Reader Encounters**:**

- * Opens to Genesis 1:1
- * Reads continuous prose-Scripture as story
- * Recognizes patterns emerging (lamb, wood, blood) without being told
- * Feels growing unease about narrative direction
- * Encounters Resurrection and Revelation BEFORE the Passion
- * Arrives at the Cross having already seen the glory
- * Reads final words: "He bowed his head, and gave up the ghost."
- * Closes the book in silence

****What the Reader Does NOT Encounter**:**

- * Commentary explaining what they should think
 - * Labels telling them which sense they're reading
 - * Markers indicating motif appearances
 - * Explanations of why events are ordered non-chronologically
 - * Any visible apparatus
-

PART THREE: Measurable Progress

How We Know Where We Are

Status Indicators

****Per Verse**:**

Status	Meaning
raw	Just ingested
parsed	Text normalized
analyzed	Nine-matrix calculated
stratified	Foundation layers assigned
fleshed_out	Fourfold senses generated
tonally_adjusted	Hermeneutical positioning complete
refined	Final polish done
verified	All checks passed

****Per Book**:**

- * % of verses at "verified" status
- * % of fourfold senses complete
- * Thread density compliance %

****Per Motif**:**

- * Current status (planted/reinforcing/approaching/converging/completed)
- * Last activation page

- * Next scheduled activation page
- * Trajectory health (on-track/behind/ahead)

Dashboard Metrics

The system provides real-time visibility into:

- * Overall completion percentage
- * Book-by-book progress bars
- * Processing velocity (verses per day)
- * Motif status overview
- * Density compliance rate
- * Validation pass rate
- * Batch processing status

Quality Gates

Before any verse reaches "verified":

- * All four senses present and non-empty
- * Nine-matrix values within valid ranges
- * Tonal weight assigned
- * Register specified
- * Invisibility check passed
- * Vocabulary variation threshold met

Before any book is marked complete:

- * 100% of verses at "verified"
 - * Thread density within bounds for all page spans
 - * Motif activations properly placed
 - * Human review sample completed
-

Summary: What You Can Count

****In the System Now**:**

- * 16 database tables
- * 73 canonical books defined
- * 10 primary motifs configured
- * 7 hermeneutical principles encoded
- * 7 register specifications
- * 500+ sensory vocabulary entries
- * 200+ patristic commentary entries
- * 30,000+ cross-references
- * 1 terminal event (the Cross)

****In the Finished Work**:**

- * 40 volumes
- * 2,500 pages
- * 37,454 verses

- * 0 visible machinery
- * 1 continuous narrative
- * 1 terminal point