Environment and Secrets

Purpose

- Document required environment variables and secret handling used by MEAI. (meai_core/engine.py)

Required Environment Variables

- OPENAI_API_KEY is required for LLM usage. (meai_core/engine.py) (.env.example)
- SUPABASE_URL is required to connect to Supabase. (meai_core/engine.py) (.env.example)
- SUPABASE_SERVICE_KEY is required for Supabase access. (meai_core/engine.py) (.env.example)
- CORE_LIBRARY_DIR is required for ingestion input scanning. (ingest_01_text_to_supabase.py)
- DEBUG_RAG is read at runtime to enable RAG logging. (meai_core/engine.py) (meai_web/server.py)

Secrets Handling

- Environment variables are loaded from a .env file using python-dotenv. (meai_core/engine.py)
- Supabase service key is asserted to look like a JWT before use. (meai_core/engine.py)

Local Development

- README specifies creating a venv and installing `requirements.txt`. (README.md)
- README starts the server with `uvicorn meai_web.server:app --reload`. (README.md)
- Makefile provides `setup` and `web` targets. (Makefile)

Rotation and Revocation

TODO (not found in repo)

Last Verified

- Timestamp: 2026-01-03 16:35:09 EST
- Git branch: main
- Files referenced: meai_core/engine.py, ingest_01_text_to_supabase.py, meai_web/server.py, .env.example, README.md, Makefile