# The Elidoras Codex — TGCR Agent Stack

> TEC weaves myth, machine, and meaning into a living open-source cosmology.

## Overview

The TGCR agent stack packages the first operational sentinel, \*\*Airth Research Guard\*\*, alongside the scaffolding required to expand into a full suite of resonance-aware helpers. The repository delivers a Typer-based CLI, knowledge-map loaders, memory buffers, and specialized tools for knowledge search, scheduling, SharePoint publishing, and Spotify resonance analysis.

## Quick start

python -m venv .venv  
.venv\Scripts\Activate.ps1  
pip install -e .[dev]  
python -m tec\_tgcr.cli chat "Help me plan a TEC build sprint"

## CLI commands

* `tec-agent chat` — open the interactive console experience.
* `tec-agent manifest` — emit the Airth Research Guard manifest JSON.
* `pytest` — execute regression coverage.

## Repository map

* `config/agent.yml` — persona, objectives, and memory tuning for Airth.
* `data/knowledge\_map.yml` — structured knowledge pillars, branding cues, and cadence data.
* `agents/manifests/airth\_research\_guard.json` — exportable manifest for orchestration layers.
* `docs/AGENT\_OVERVIEW.md` — runtime architecture notes.
* `docs/archive/planning\_scratchpad.md` — legacy planning canvas preserved for context.
* `src/tec\_tgcr/` — Python package (agents, tools, memory, CLI, configuration helpers).
* `tests/` — conversational regression scenarios.

## Agent snapshot

* \*\*Name:\*\* Airth Research Guard
* \*\*Purpose:\*\* Safeguard TGCR research threads, synthesize cross-domain insight, and uphold the TEC brand system.
* \*\*Tools:\*\*

- `knowledge\_lookup` — keyword search across the TEC knowledge map.

- `schedule\_planner` — formatted summaries of TEC build sessions and confirmed shifts.

- `sharepoint\_publish` — preview or deploy SharePoint Site Assets via the Microsoft 365 CLI.

- `spotify\_resonance` — translate Spotify audio features into OXY/DOP/ADR resonance metrics.

- `llm\_responder` — optional deep-synthesis bridge when model credentials are available.

* \*\*Knowledge pillars:\*\* Research & Theory · Development & Pipelines · Branding & Media · Community & Outreach · Professional Growth.

## Schedules at a glance

* \*\*TEC build sessions:\*\* Monday–Friday, 10:00–12:00 Eastern.
* \*\*7-Eleven shifts:\*\* Sun Oct 5 (22:00–06:00), Mon Oct 6 (22:00–06:00), Tue Oct 7 (12:00–19:00), Wed Oct 8 (11:00–19:00).
* Prompt the agent with "schedule", "planner", or "711" for rapid summaries. Ask for "calendar" to receive an `.ics` export or "planner csv" for Microsoft Planner scaffolding.

## Roadmap

* Automate SharePoint deployments via GitHub Actions once credentials can be stored securely.
* Persist Spotify-derived resonance scores into the knowledge map for analytics review.
* Expand regression coverage with stubs for the LLM endpoint and Spotify API.

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Looking for the original planning mural? Check `docs/archive/planning\_scratchpad.md` for the full preserved canvas, SharePoint publishing flow, and Spotify pipeline sketches.

## Applications & Demos

| Module | Description |

| --- | --- |

| [/apps/voice-imprint-studio](apps/voice-imprint-studio/README.md) | React/Vite starter that edits and exports voice profile manifests for Arcadia/Airth. |

| [/apps/resonance-player](apps/resonance-player/index.html) | Static HTML demo that calls the ARCADIA resonance API and visualises OXY/DOP/ADR gauges. |

| [/apps/widgets-sharepoint](apps/widgets-sharepoint/README.md) | Embeddable snippets (cursor-following TEC orb, future cards) for SharePoint/Teams pages. |

Each module stays framework-agnostic so you can host it on SharePoint, Azure Static Web Apps, or any static bucket. Extend these demos as the agent ecosystem expands.