ChatGPT

RFI-IRFOS Repositories Overview

The **RFI-IRFOS** GitHub organization (login `eriirfos-eng`, est. 2020) hosts six public repositories [1]. The table below summarizes each repo's name, stated purpose, primary technologies, and date of last commit. Descriptions are drawn from the repo README or page where available:

Repository (link)	Description / Purpose (from README or repo page)	Languages / Tech	Last commit (date)
genesis	"Collection of scriptural and conceptual content (e.g. Psalm 23, Matthew 6), acting as a *'publication trunk'* that integrates the `13` and `-ternlang` projects" [2]. (No official description on GitHub.)	Shell / Markdown (text) [3]	Sep 3, 2025 [4]
-ternlang	Proof-of-concept **ternary-logic** framework (REFRAIN, TEND, AFFIRM = -1,0,+1) for adaptive agents; nearly identical content to the `ternlang` repo [5].	Python [6]	Sep 2, 2025 [7]
13	"Add-on agents for the Policy Mirror Protocol (PMP) stack" – a collection of Python agents (e.g. `ternary_orchestrator`, `pr_annotator`) that fuse text analysis with ternary logic [8].	Python [9]	Sep 2, 2025 [10]
github-mcp-server	Fork of *GitHub's official* MCP (Machines Conversation Protocol) Server (Go codebase) [11]. (No changes shown; standard MCP Server functionality.)	Go [12]	Sep 2, 2025 [13]
ternlang-tree-main-13	*(Empty repository; no code or README)* [14]. (Likely intended as a placeholder or integration workbench.)	–	Aug 31, 2025 [15]
python-ternary	Fork of the "Ternary plotting library for Python with matplotlib" [16]. (Helps plot ternary diagrams; originally by marcharper).	Python [17]	Jun 12, 2024 [18]

Sources: GitHub pages for each repository (above references) provide descriptions and language breakdowns [3] [5] [8] [11] [14] [16], and last-commit dates from the activity logs [4] [7] [10] [13] [15] [18].

Operational Status

- **genesis:** Active. No open issues, 26 commits total, last commit on Sep 3, 2025 [4]. The content appears stable (largely text), with the repository updated recently. No version/tags are present.
- **-ternlang:** Active. No open issues, 1 pull request open (as of this writing). Updated Sep 2, 2025 [7]. (It has a LICENSE file and substantial content; development appears ongoing.)

- **13:** Active. No open issues, no open PRs. Fork of CobioEarth/13. Last commit Sep 2, 2025 [10]. Includes unit tests and CI workflows (see codebase), suggesting maintenance.
- **github-mcp-server:** Active. Fork of GitHub's official MCP server (MIT-licensed), with no open issues. Last updated Sep 2, 2025 [13]. Only two new files were added on that date, indicating occasional maintenance.
- **ternlang-tree-main-13:** Inactive/placeholder. No code, no README or issues. Marked "empty" on GitHub [14] and last update Aug 31, 2025. Suggest archiving or removing this unused repo.
- **python-ternary:** Dormant. Fork of a third-party library; no issues, 401 commits inherited but no new commits since June 12, 2024 [18]. Likely not actively used by RFI-IRFOS (consider archiving if unnecessary).

In summary, four repos (genesis, -ternlang, 13, github-mcp-server) show recent activity in 2025, while `ternlang-tree-main-13` is empty and `python-ternary` has not been updated in over a year. All repositories currently have **zero open issues**. (This is confirmed by the GitHub headers on each repo page [19] [20].)

Code Quality Signals

- **README and Documentation:** All non-empty repos have a README. The `ternlang` / `-ternlang` repos have very extensive READMEs describing vision and usage [5] [21]. The `13` repo's README clearly explains its purpose and quick-start (the *pmp-agents-plus* toolkit) [8] [22]. The `genesis` repo's "README" consists mainly of scripture excerpts [23] and minimal explanation (no technical summary). `github-mcp-server` is a straight fork (its README is the upstream one); it has standard documentation in its original repository (C#-based server). `python-ternary` (fork) includes the upstream examples and docs (under `examples/` and `docs/` directories [24]). The empty `ternlang-tree-main-13` has no README. Overall, documentation is present but could be improved for clarity (especially for `genesis` and the empty repo).
- **Tests and CI/CD:** The `13` project includes a `tests/` directory and a GitHub Actions workflow (pmp-annotator workflow) [22]. The `-ternlang` project has a `tests/` folder and appears to have CI templates under `.github/workflows` (though details are not easily visible in the UI snippet). `python-ternary` also has tests (`tests/` folder) as part of the upstream code. The MCP server repo and genesis have no test suite (as expected for their nature). No projects use enforced linters or automated coverage here.
- **Code Consistency:** All code repos follow conventional structure (Python modules for `13` and Ternlang, Go for MCP server). The READMEs (especially for ternary projects) are high-quality and well-structured. The `genesis` content is unconventional (primarily text passages) and lacks technical organization. No major style or linting issues are apparent from the cursory view.
- **CI/CD Config:** Only `13` explicitly mentions CI (under `.github/workflows/`). The MCP server (being large fork) has many workflows upstream. The others lack automated build pipelines.

Contributor Analysis

All repositories are primarily authored by the single organization account **eriirfos-eng** (likely the founder). In each project's commit history, the vast majority (if not all) commits are by that account. For example, recent commits on **genesis**, **13**, and **github-mcp-server** were all by user `eriirfos-eng` [25] [10] [13]. There are no external collaborators or multiple contributors listed in insights. As such, contribution patterns indicate one active contributor (no external pull requests except the one PR in `-ternlang`). The RFI-IRFOS

group itself appears to be sole maintainer of these repos. The MCP server repo's original upstream had many contributors, but the fork is effectively a mirror with a single committer.

Thus, **number of contributors per repo:** Genesis (1), –ternlang (1), 13 (1), github-mcp-server (1), ternlang-tree-main-13 (0, empty), python-ternary (0 new contributors since fork; original author separate). The most active (in commit count) are `-ternlang` (578 commits inherited, 2 stars [26]) and `python-ternary` (401 commits upstream [27]), but these reflect upstream histories. In summary, all org-owned repos have essentially a single core contributor, so activity depends on that person's involvement.

Licensing

Repository	License (note)
genesis	**None specified** (no LICENSE file found)
-ternlang	**OROC Temple Pact** (custom "non-restrictive" license) [28]
13	**None specified** (no LICENSE file)
github-mcp-server	**MIT License** (inherited from upstream) [29]
ternlang-tree-main-13	**None** (empty repo)
python-ternary	**MIT License** (fork of MIT-licensed library) [30]

Notably, three repos lack a clear open-source license (genesis, 13, and the empty repo). The `-ternlang` repo includes a license statement ("Licensed under the OROC Temple Pact…") [28], but this is a custom/unusual license (not a standard permissive license). The MCP server and python-ternary are under MIT. We flag **genesis** and **13** as missing licenses (which is problematic for open-source usage), and **-ternlang** as using an atypical license.

Improvement Opportunities

- **Consolidate Ternlang Repos:** The two Ternlang projects (`ternlang` vs. `-ternlang`) duplicate the same content and purpose. Their READMEs are nearly identical [21] [5]. Merging these into a single repository (e.g. "ternlang") would eliminate confusion and reduce maintenance overhead. (If historical forks need preserving, a better name could be chosen than one starting with "-".)
- **Archive or Remove Empty/Stale Repos:** The `ternlang-tree-main-13` repo is empty [14] and appears unused; it should be archived or deleted. Similarly, **python-ternary** has seen no updates since mid-2024 [18]. If it is not actively used by the team (it's merely a fork of a third-party library), consider archiving it or otherwise clarifying its status.
- **License and Documentation Additions:** Repos without licenses (**genesis** and **13**) should include a clear open-source license to meet best practices. The custom "OROC Temple Pact" in `-ternlang` [28] should be documented or replaced if compatibility with standard licenses is desired. Also, the `genesis` repo lacks a project description (its GitHub page says "No description provided" [31]) and has no README beyond scripture text; a concise README or docs explaining its purpose would help.

- **Improve Code Hygiene:** Several repos (e.g. genesis, the empty repo) lack CI/testing. Adding basic automated checks (linting, unit tests) where applicable would improve quality. The `13` project already includes tests and CI, which is good; this could be mirrored in other code repos.
- **Tagging / Releases:** None of the repos have formal releases. Introducing version tags or releases (especially for library-like projects) would aid reproducibility. For instance, creating a PyPI release of `python-ternary` or GitHub releases for Ternlang would help downstream users.
- **Consolidate Common Functionality:** If there is overlap between projects (e.g. the Ternary logic code), consider extracting shared modules into a common library to avoid duplication. The `genesis` repo notes it "inherits from `13/` and `-ternlang/`" [2], suggesting that some content overlaps. A refactoring that modularizes shared components could streamline development.

Overall, the RFI-IRFOS repos are active but small. Key opportunities include merging redundant repos, adding missing licenses and docs, and tidying up unused projects. These steps would improve clarity and maintainability of the codebase.

Sources: GitHub repository pages and commit histories for `eriirfos-eng` (organization) [32] [5] [8] [11] [14] [16] [28] [4] [10] [13] [18], as cited above.

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[1] [3] [6] [7] [9] [12] [15] [17] [32] eriirfos-eng (eriirfos-eng) / Repositories · GitHub
https://github.com/eriirfos-eng?tab=repositories

[2] [19] [23] [31] GitHub - eriirfos-eng/genesis
https://github.com/eriirfos-eng/genesis

[4] [25] Commits · eriirfos-eng/genesis · GitHub
https://github.com/eriirfos-eng/genesis/commits/main/

[5] [20] [26] [28] GitHub - eriirfos-eng/-ternlang: ternlang replaces rigid binary with a flexible P2P, proof of concept 1+1=3= {-1, 0, +1} system. it's for agents who must navigate ambiguity, manage conflict, and act with nuanced intent. we trade perfect certainty for robust pragmatism and anticipation states in hold (0). No more 'divide by zero' errors. Just truth, tendency, and disconfirmation.
https://github.com/eriirfos-eng/-ternlang

[8] [22] GitHub - eriirfos-eng/13: Ternlang revolutionizes programming paradigms with its vector-based ternary logic system, transcending traditional binary constraints to offer dynamic, adaptive decision-making. Ideal for developers, researchers, and innovators, Ternlang facilitates nuanced and precise computational solutions across AI, finance, and human-machine interaction.
https://github.com/eriirfos-eng/13

[10] Commits · eriirfos-eng/13 · GitHub
https://github.com/eriirfos-eng/13/commits/main/

[11] [29] GitHub - eriirfos-eng/github-mcp-server: GitHub's official MCP Server
https://github.com/eriirfos-eng/github-mcp-server

[13] Commits · eriirfos-eng/github-mcp-server · GitHub
https://github.com/eriirfos-eng/github-mcp-server/commits/main/

[14] eriirfos-eng/ternlang-tree-main-13 · GitHub
https://github.com/eriirfos-eng/ternlang-tree-main-13

16 27 30 GitHub - eriirfos-eng/python-ternary: :small_red_triangle: Ternary plotting library for python with matplotlib
https://github.com/eriirfos-eng/python-ternary

18 24 Commits · eriirfos-eng/python-ternary · GitHub
https://github.com/eriirfos-eng/python-ternary/commits/master/

21 GitHub - eriirfos-eng/ternlang: Moving beyond the rigid True/False of binary, Ternlang introduces a ternary logic (REFRAIN, TEND, AFFIRM) that empowers digital entities to navigate ambiguity, manage conflict, and act with nuanced intent, reflecting the complexities of the real world.
https://github.com/eriirfos-eng/ternlang