



Autonomous Search Agent (ASA) for Gemini

What



Autonomous Search Agent (ASA)

- Live at <gemini://asa.privacyforcats.org:1966/>
- Team :
 - Rin
 - Tim Cowlshaw
 - Kathrin Elmenhorst
 - Maxime Piraux



asa.privacyforcats.org

- env
- new asad
- delete asad

Search bot proposal

Termins

- asa: Autonomous Search Agent (Malay: hope/to hope)
- asad: asa director (Ladino)
- asaw: asa weaver (
- asam: asa Modifier (Satawalese)



Goals

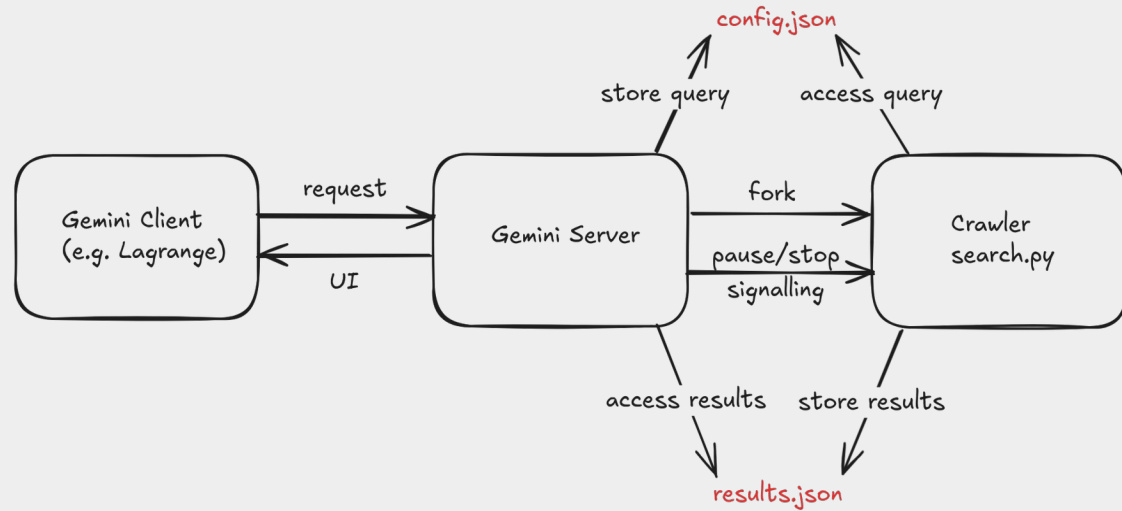
- Search Gemini websites
 - « modern Gopher but with Markdown-ish and TLS »
- Give control to users
 - Precise Gemtext query language
- Do it slowly but steady

How?



Process

- Project split in several components.
- Server handles the UI to start, stop and present queries results.
- Crawler starts from a set of domains, explores their content, finds query matches, hops to other discovered domains and continues.
- Ex: "gemini":header AND internet



Demo time !



What next?



Future Plans

- Code is available at <https://codeberg.org/wmd/ASA>
- Remains to be done:
 - Generate a page with excerpts of the query results
 - Specify crawl order (BFS, DFS, Bounded DFS, ...)
 - Polish the integrations of the components

Codeberg repository page for `wmd / ASA`. The page displays repository statistics and a list of files and directories.

Repository Statistics:

- 50 commits
- 1 branch
- 0 étiquettes
- 149 Kio

Repository Information:

- main branch
- SSH: `git@codeberg.org:wmd/ASA.git`

File List:

File/Directory	Description	Last Update
webmind	documentation directory	il y a 10 minutes
crawler	proper pause/cont handling	il y a 10 minutes
documentation	documentation directory	il y a 10 minutes
signal-code	some example code on which signals to handle	il y a 4 heures
UI-Proof-of-concept_perlcgi	Add README.md	hier
UI_proof_of_concept_py	fix links in python server	il y a 13 minutes
.gitignore	dont get stuck in loops	il y a 1 heure
README.md	add UI documentation	hier



Questions?