

Web and hosting

Pythia full-week meeting, April 2021
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What we currently have

1. Code / sub-projects hosted on gitlab.com
2. Top-level web-page hosted at
`home.thep.lu.se/Pythia`
3. Manuals of 8.1, 8.2 & 8.3 hosted in the same place.
4. Release tarballs hosted in the same place.
5. Release git repo on gitlab.
6. A number of gitlab aux pages.
7. The new service desk hosted on gitlab.

Do we have more? Should we have less?

Ideally, information should not be duplicated across pages!

Self hosted gitlab (gitlab.pythia.org)

Re: previous discussions. Need decision.

Tentative plan: dedicated Lund machine, RAID-5 storage, 8 core CPU. Shared with web-server. EDU/FOSS license obtained.

Pros:

- More control, more customization
- No doubt about data or service ownership
- Full control of backup

Cons:

- More overhead → increased bus factor?
- Yet Another Username
- Increased susceptibility for hacker attacks? See <https://www.welivesecurity.com/2021/03/30/backdoor-php-source-code-git-server-breach/>

Web-pages (not manual)

Division in top-level / manual is a good one.

Old page is rather hand-held (direct html edits)

Should be moved to new domain.

My suggestion:

During move, the top-level page will be updated to mkdocs based page.

Easy to edit, markdown based, generates static html, many themes, customizable – see <https://sourcefoundry.org/cinder/>

Will be added as a gitlab sub-project.

Alternative: Move page as is – will probably take as long time.

Manual web pages

Old web manual has several custom features.

Long term: Update to mostly off-the-shelf solutions. (we should not re-implement searches etc.)

Short term: Move manual pages as is. Think about updates after pdf manual is out.

Suggestion: Retire 8.1 and 8.2 manuals from page. People google to them and get wrong information.

The pythia/docs

Should this include public facing documentation?

Open question.