DELPH-IN Infrastructure: Migrating to GitHub

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- *https://github.com/delph-in/docs/wiki/ VirtualInfrastructure*
- Used to host most things in Oslo, some at UW, some at NTU, some at GitHub…
- Oslo server's retirement prompted a push to moving more things to GitHub

Migration Progress

- MWG created the *delph-in* org on GitHub in 2014
    - Already by last summit: Matrix, Jacy, Zhong, ERG (issues only), JaEn, delphin-tools, grammar-catalogue
    - Now also: Wiki (thanks to Alexandre), FFTB (partially)
- Not integrated:
    - Many crucial source repositories (ERG, ACE, Redwoods, LOGON, etc.)
- So how much do we want to move and how do we administer the organization?

GitHub Capabilities and Limitations

A challenge is to balance flexibility and convenience with organizational security. GitHub provides some features:

- **Roles**: default privileges for organization members (*owner* or *member*)
- **Teams**: groups of members with additional privileges
- Organization policies (require 2FA, require public repositories, etc.)
- Repository settings, collaborators, etc.

Governance and administration

- DELPH-IN is a **community**, not an organization
  - ...but Github requires a **technical** definition of privileges
- One example: Standing Committee
  - What should it's role be in the Github org?
  - Many issues are basically SC
    - Adding new participants, etc.
  - ...but administering the org is more of an admin role in practice?

How much should we aim to move to GitHub?

- If LOGON, do we follow Git convention and split the monorepo into project repos?
- DFKI (PET)?
- Sweaglesw?

Note that not everything on GitHub has to be under the delph-in organization; it can be under personal accounts, other orgs (e.g., bond-lab), etc.

How do we govern this thing?

- Some options for member privilege management:
    1. Owner role on admins team members only (admins team always has 1 or 2 SC members as delegator)?
    2. Owner role on SC members only (and they then need to promptly react)?
- Other issues:
    - How/who to "petition" for admin actions
    - Policies for adding a project to the organization (open source, related to DELPH-IN, etc.); adding participants
    - What does a project gain by being added?