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 - Pros
 - Cons
 - Alternatives
 - Main Problems
- Issue Tracking (JIRA, GitHub, etc.)
- Integration (Interaction with community repository and forked repositories)
- Main Problems
 - Problems using ACS
 - Usability Improvements

Issue Tracking

Alternatives

- ALMA ICT JIRA Public Project
 - Known technology
 - Easy link between community and internal issues
 - Need to check some administrative details (Max number of users, process to add users, etc.)
- GitHub Issues
 - Free
 - Easy to sign up
- ...

Integration

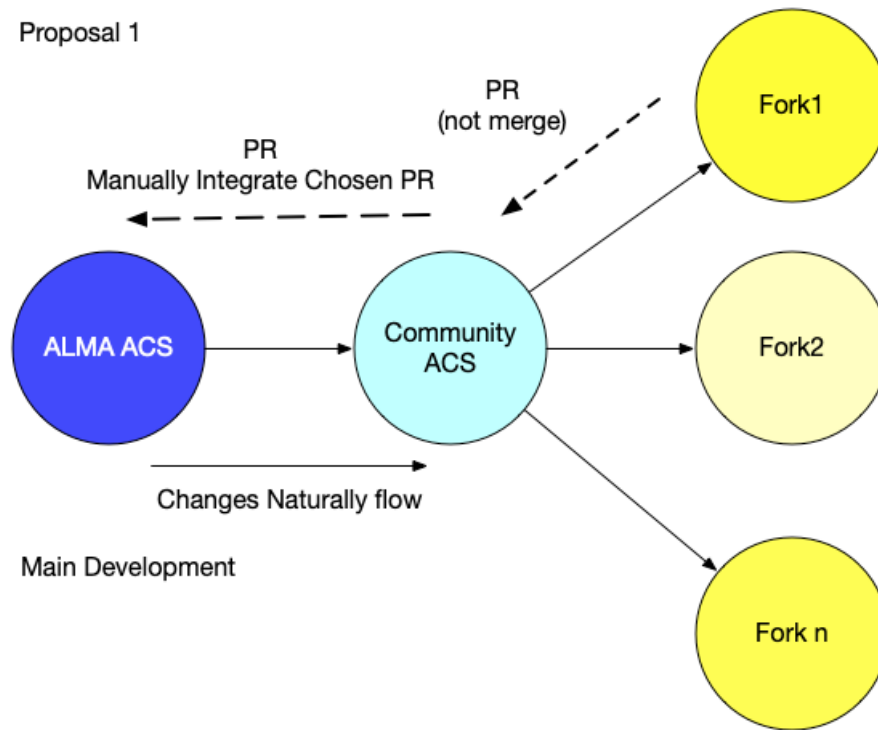
We have 3 repositories to consider:

- ALMA ACS: This is the repository used by ALMA. Currently, this is the main repository from which the others are generated
- Community ACS: This is the community repository. This is generated from the ALMA Repository by providing branches with the different releases. It has no history and is read-only
- Community ACS Forks: These are repositories forked by the different users of ACS in the community which allows them to make and persist changes

Proposal 1

ALMA ACS --> Community ACS --> Forks

Proposal 1



- Main development goes by in ALMA ACS Repository
- Changes are propagated with each release to Community ACS repository
- Forks are created on Community ACS repository
- Forks create PR on Community ACS
 - They're not merged, but used to integrate changes in ALMA ACS
- ALMA manually integrates chosen PRs on ALMA ACS as part of a release
- The changes naturally flow to Community ACS with future releases

Pros

- Low overhead for everyone in the community
- No need for someone in charge of coordination between the different repositories

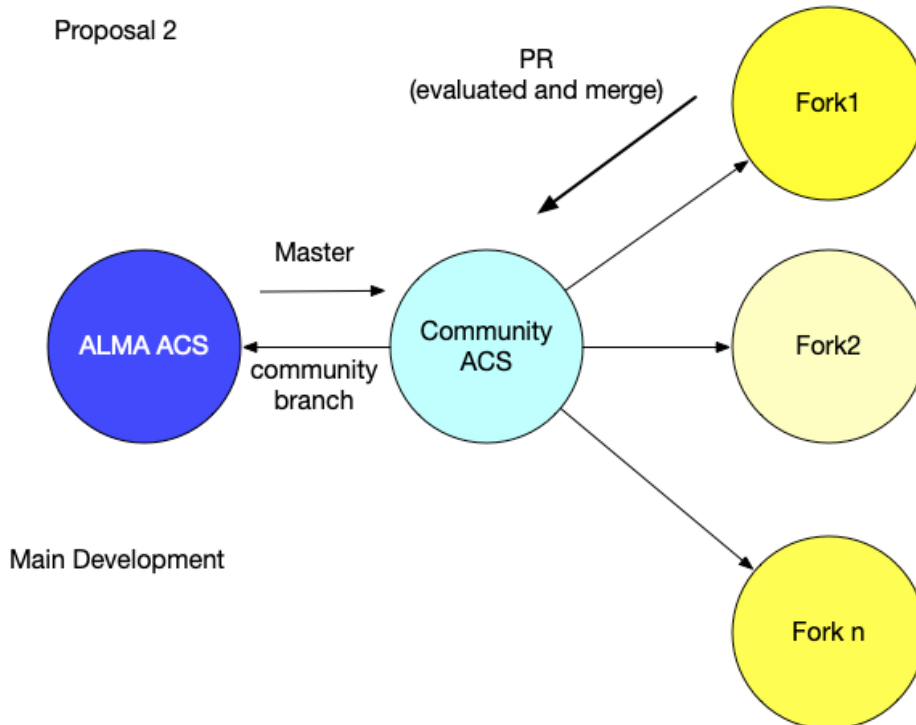
Cons

- Slow integration back to community
- Some changes may not get integrated
- Low community cohesion

Proposal 2

ALMA ACS <--> Community ACS --> Forks

Proposal 2



Main Development

- Main development goes by in ALMA ACS Repository
- Changes are propagated with each release to Community ACS repository
- Forks are created on Community ACS repository
- Forks create PR on Community ACS
 - They are evaluated and merged on community ACS
- ALMA Synchronizes with community repository both ways
 - ALMA ACS Repository acs/community branch synchronizes with Community ACS Repository's master
 - ALMA coordinates the propagation of changes between ALMA ACS Repository master and acs/community branches

Pros

- Higher community cohesion
- Shorter cycles to get changes in the community repository
- Most changes get integrated in the community and ALMA repositories

Cons

- Bigger overhead coordinating changes in Community and ALMA repositories
- Someone in the community needs to evaluate and accept pull requests

Alternatives

- **2b:** Very similar to 2, but Community ACS Repository becomes the main development point
- **2c:** ALMA ACS repository is just a subtree/submodule of Community ACS Repository + NO-LGPL products

Main Problems

- Common Problems
 - Technical Documents
 - Tutorials / Cheat Sheets
 - FAQ
- Usability Problems
 - Brainstorming on Possible Improvements