

- Scope
- Discussion
  - Issue Tracking
    - Alternatives
  - Integration
    - Proposal 1
      - Pros
      - Cons
    - Proposal 2
      - 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

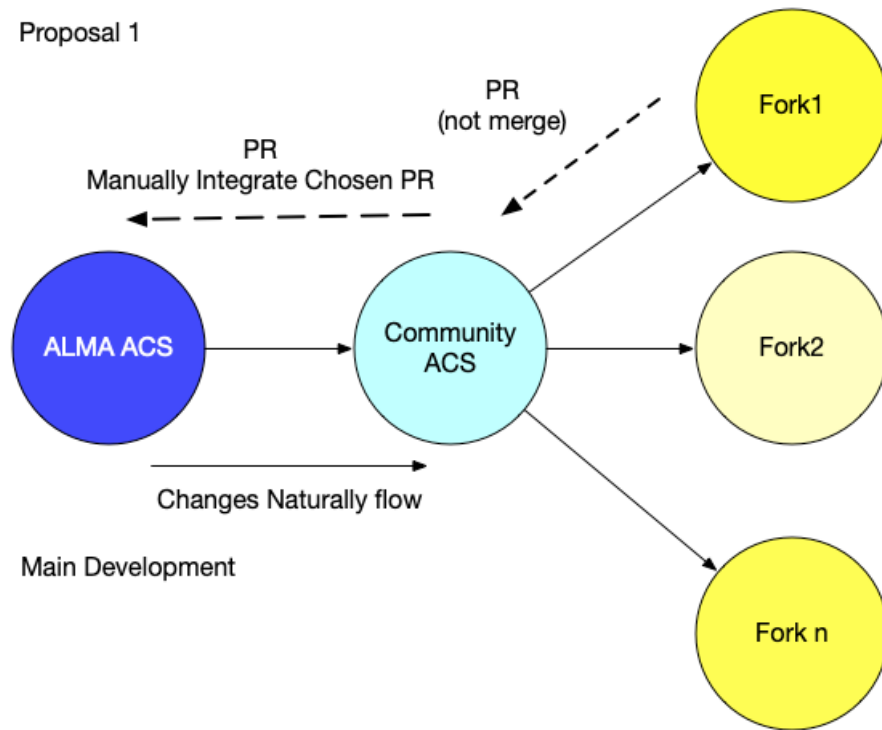
We have 3 repositories to consider:

- 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

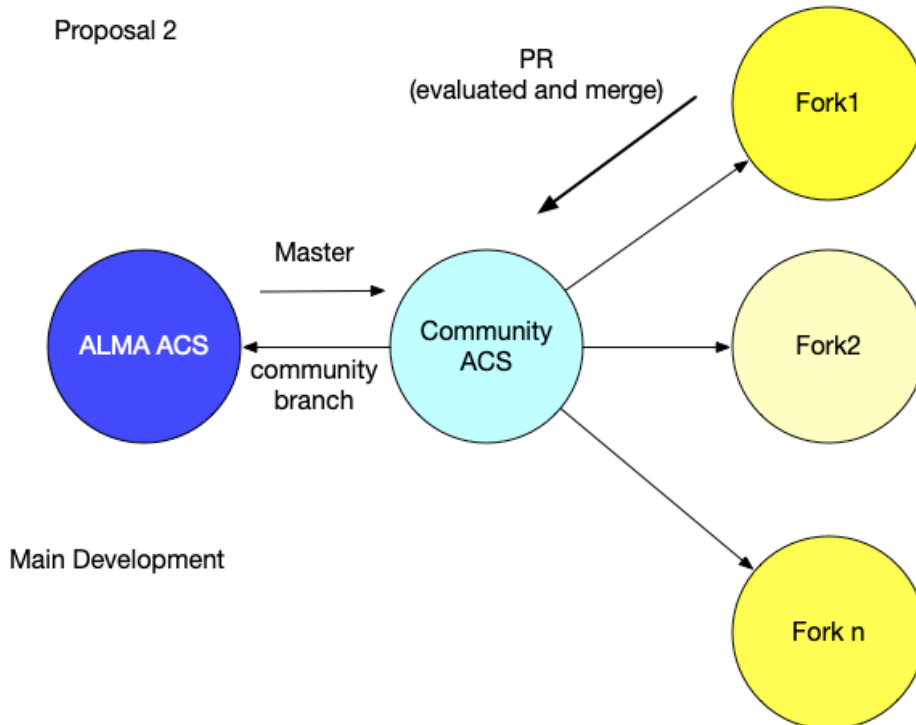
### Cons

- 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 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