

LArSoft partners / project meeting

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Today's agenda

- Meeting time
- Experiment reports / input
 - LBNE
 - uBooNE
 - LArIAT
 - ArgoNeut
- Optimization
 - Gianluca Petrillo
- Release procedures
- AOB

When can we hold this meeting?

- Afternoon time strongly preferred
- Finding rooms here is a significant constraint

Release procedures

- Naming / tagging conventions for production releases
 - Currently tagging with vX_YY_ZZ
 - Using the usual convention:
 - X = “major” release version
 - YY = “minor” release version
 - ZZ = “patch” version
 - Treating weekly integration releases as a patch
 - Have not defined a policy for deciding when to increment X or YY
 - Production releases
 - Typically targeted for a particular experiment
 - Passes some level of validation - this makes them special

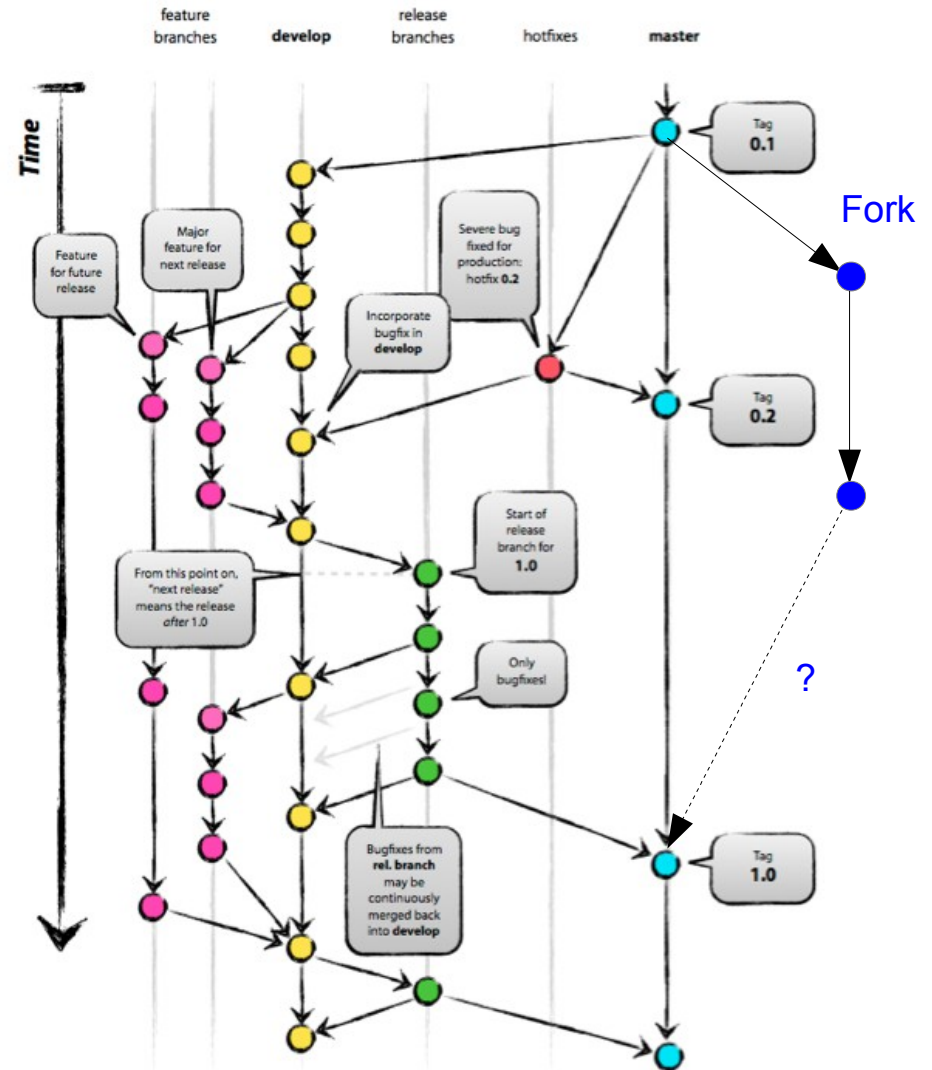
Release procedures

- Naming / tagging conventions for production releases
 - Do we need a simple means to distinguish production releases from others?
 - One suggestions: change the starting letter, eg, ubX_YY_ZZ, lbX_YY_ZZ
 - Pro
 - Easy to see which releases are “special”
 - Con
 - Multiple naming schemes might just add confusion
 - Have discussed this idea before. Would like to resolve it now.
- Experiment builds
 - Expect these will be needed after LArSoft releases
 - What is the mechanism for doing this.
 - Currently just via email broadcasts.

Release procedures

- Patches to production releases

- Changes that are limited in scope to code in a release
- Use git flow hotfix
- First hotfix applied recently
 - Treated like a branch this time
 - Tagged with v1_00_04_ub01
 - Will avoid this in the future if possible
- Basic procedure
 - Originator creates hotfix branch
 - Publish after testing
 - Release manager merges, etc.
- Communication protocol
 - Open a ticket to request release
 - Release manager will open a subsequent ticket for experiment release manager



On-going work

- Off-site nightly builds
 - Scripts updated to allow nightly builds on remote machines (ie, anything other than the reference build on-site)
 - Local configuration file needed
(Is this deployed?)
- Librarians
 - Formal request sent to experiment spokes
 - Expect them to attend the bi-weekly librarians meeting
 - Will add responsibilities, but will keep within reason
- LArSoft requirements for build / integration system
 - Working requirements document for SCD system is in CD-DocDB-5319
<https://cd-docdb.fnal.gov:440/cgi-bin/ShowDocument?docid=5319>
 - Is this adequate? Seeking input asap.

On-going work

- Release v1.01.00 in preparation
 - Will formally provide support for Mac OS X 10.9.x “Maverick”
 - Updates to a number of major underlying infrastructure products
 - gcc
 - cmake
 - art
 - root
 - Timescale: probably about two weeks
 - Delayed from earlier announcement due to intervening issues
- Considerable progress on non-bash shell problem in mrb