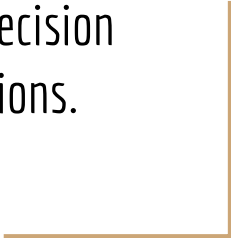




Code analysis and staging

Goal: Provide input to for a pilot implementation - final decision after concrete suggestions.



Three subjects (as introduced by Phil)

Docker images

Supply application with dependencies.

Used by us, and many collaborations.

? What extent is beneficial to us?

? What do we want to support?

CI/CD

Automatic test triggered by commits, merges or manually.

Can ease release-pain.

? Requests from developers?

Analysis tools

Static code analysis currently done by CERN.

? Keep at CERN or in-source.

Analysis tools

This is clearly something we want - but how?

CERN-IT depends on external help & closed source tool.

Smaller internal tests (in CI?) & external large tests?

Requests from developers?

Continuous integration pipelines

Master script on gitlab -> “runner” with docker or in shell -> feedback to commits and merge requests.

! We don't do continuous development!

Adding test-run on-commit is a no-brainer.

Build tests nice, but more tricky (esp. macOS).

Possibilities for continuous performance and physics tests.

Requests from developers?

Docker images and other virtual environments

Status: Two docker images + various VBOX'es for tutorials

A big nice-to-have for experimental collaborations.

Who will compile? Who will maintain? What do we want to maintain?

Strategy right now is ad-hoc, from individual needs.

Requests from developers?

Suggestions for maintenance? CERN-IT? Exp colleagues?
Us?