

Introduction

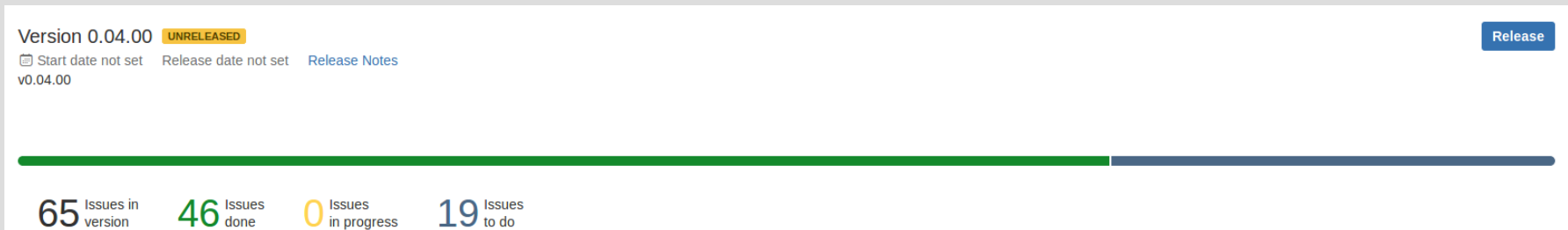
ACTS developers meeting

2017-04-25



ACTS v0.04

- Julia fixed quite a few problems in the geometry building tools + further improvements → Valentin told us that is (mostly?) working now for the FCC geometry
- current master branch completely migrated to gcc62 (v0.03.X was still gcc49)
- quite a few more updates



- Valentin asked us to release a new tag with the fixes (easier to install for FCC)
- tentative plan: create ACTS v0.04 tag soon and shift remaining tickets to next release version
 - I want to get the interpolated BField into this tag (should be done this afternoon)
 - make tag tomorrow

ACTS Namespaces

- suggestion: introduce ACTS sub-namespaces mirroring the directory layout, e.g.
 - ACTS::Surfaces
 - ACTS::Extrapolation
 - ACTS::MagneticField
 - ...
- reason: ACTS::detail contains a lot of helper functions which usually are not very general but rather have a very specific purpose → make them local to the code which is using them, e.g. ACTS::MagneticField::detail
- pro's: better organized code, easier code navigation in IDEs
- con's: yet another namespace level

