

FCC build system update

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FCC-94.2.0 - Released

- New version of FCC externals (94.2.0) on top of LCG_94:

</cvmfs/fcc.cern.ch/sw/views/releases/externals/94.2.0/>

- Content:

- heppy: 2.0
- gaudi: v29v2
- **podio: 0.9.1**
- **tricktrack: 1.0.8**
- **papas: 1.2.1**
- **fcchhanalyses: 0.1.1**
- fcc-physics: 0.2.1
- acts-core: 0.07.01
- fcc-edm: 0.5.4
- fcc-edm-legacy: 0.1.0

First release with full **CentOS7** support

Other developments

- **FCChhAnalyses**
 - Fixed to be properly installed as python module
- **Podio**
 - New version for the release
 - Including latest changes
- Preparing the documentation about the current infrastructure
- fcc-spack finally ported to HEP-FCC
- Deploy a new Discourse (forum) instance for FCCSW:

<https://fccsw-forum.web.cern.ch/>

Spack developments (our package manager tool)

Modified repository

- **spack chain** - recently merged
 - Allow to release FCCSW built against a given set of externals
- Support for binaries
 - Quite a lot of work in the newest Spack releases
 - Current binaries are stored in the CVMFS node (where nightlies and releases are installed)
 - Alternative: *Migrate to CERN-S3*
 - Spack supports it
 - Under investigation
 - Created a **GPG FCC Key** for signing packages (security reasons)
- Talk or discussion with the CVMFS Team to see possible options to deploy on CVMFS

- [HEP-FCC/spack](#)