

Rivet monthly dev meeting

3 September 2018

Discussion topics (1)

- 2.6.1 release: DONE!
 - Some remaining issues, e.g. OS X System Integrity Protection & Python(+make?)
 - A few jet analyses showed “stat jitter”... for the same validation events. Not RNG/smearing?!
 - Minor issues: analysis.json management, doc build... others?
 - Plan (B?) for a 2.6.2 or even 2.7 release, while v3 beds in.
- 3.0.0 release: NEAR
 - Fixed up Eigen3 and a few other compiler-unfriendly wrinkles. James M is fixing ATLAS 2PC
 - Followed Debian/C. Holm recommendation: v3+ will load plugins from .../lib/Rivet
 - Builds ok on Ubuntu 18.04; and on lxplus6/7... with LCG GCC62 environment. Not CC7 native
 - Any *features* in strong demand for 3.1? Re-entrant finalize, jet trimming in FastJets, ...
- HepForge move to Phabricator this week
 - Postpone move to BitBucket until reviewed. Wiki etc. will stay. Repo redesign for pull-contrib?

Discussion topics (2)

- HepData consistency/sync and correlations export
 - Scripts/review of HepData/Rivet ref data mismatches from Holger, Christian
 - Development of YODA support and HepData export of correlation data from Louie/Graeme
 - ACTION!
- Analysis coverage updated: chasing experiments. [Let's review...](#)
- Heavy ion workshop and dev planning
 - Leif/Christian: explain centrality system, etc. — discuss (again!)
 - Extensions required, e.g. Energy/sqrtS() metadata override with EnergyPerNucleon
- Papers: v3/multiweight, 10y/annual status, heavy ion, smearing, ... pheno?
- Next Rivet workshops:
 - Dev in London? Maybe an ep push... at DESY?