

Rivet monthly dev meeting

4 Sept 2019

Technical tasks

- 3.0.2 and beyond

- More contrib analysis synchronisation — will keep arriving as R2 for a while
- Beam comparison improvements. Leif's GA minimiser — tested by AB, Neil Warrack
- ~~○ Add no fill shortcut to multiweight histo syncing~~
- ~~○ Weight distribution analysis (Chris G, AB — works)~~
- High-|weight| truncation mechanism (requested by ATLAS)
- Analysis options shouldn't need a .info entry: ADD WARNING CHECK TO VALIDATION
- More Py3 Unicode — Frank Siegert?
- YODA loading huge systematics lists is too slow (Jon): modify to use “lazy” parsing
- PID processing functions, e.g. charge(pid) to throw exception if PID unknown? (Jon)
- Wishlist: *add Transformers list to Fastjets? Caching pT, rap, etc. basis?*

Outlook

- **Organisation**

- Bitbucket is dropping hg support. **Need to switch to git and gitlab.com** (Andy is sad)
- Agreed at Lunga to start focus groups on docs, stats, and plotting: *need leaders*
 - **Christian to prod Holger and others re. plotting, Andy to push on other groups**

- **Papers:**

- v3/multiweight: release now out! Jon coordinating — **started, need sections**
- smearing: Andy + Deepak Kar & Karl Nordstrom — **finishing**
- heavy ion: ... **when?!** (Christian B coordinating)

- **Workshops:**

- Vietnam school, 15-20 Sept — **need Rivet tutorial Docker... are we ok?**