ATLAS Rivet feedback

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ATLAS for Rivet

➜ ATLAS formally committed to Rivet (with lots of room for improvement in practice)

➜ Rivet heavily used by ATLAS, but Rivet development sadly not recognised as service work

  ➜ PMG pushing hard to change that (first Rivet-based qualification tasks now a thing)

➜ formally all measurements should be accompanied by a HEPData entry/Rivet routine

  ➜ so far only SM and Top groups have made this a requirement of their approval procedure, but even that is consistently being ignored by analysers

  ➜ some top routines 'in the making' for over a year now

➜ level of commitment somewhat convenor dependent, currently worsening

➜ occasionally problems with the measurement identified as part of routine validation

➜ essentially no input from searches, but not dismissive when we come advertise

Rivet for ATLAS

→ new release every few months would be fine for us

  → slightly preferred in fact, since Rivet being used increasingly for validation

  → easier to pick up new routiness through the release than to plug them in manually

→ Genser sometimes a bit slow to install new versions

  → could try building Rivet as part of an ATLAS release instead

→ Why is multiweight support still not native to Rivet?