CERN Analysis Facility

Feedback from ATLAS S&C week talk on the pilot

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How did it go?

[Link to agenda](#)

- Gap (in attendance) between management-users not negligible
  - I counted ~3 potential users vs. ~30 senior/higher level scientists.

- Overall most of the people are optimistic towards an AF approach:
  - Comment from Attila (Krasznahorkay) regarding setting up AnalysisBase in SWAN (related to the setupATLAS slide).
  - Comment from James (Catmore): SWAN embodies the features of an AF, and it is nice to have it.

- We had technical questions (e.g. 1st item next slide) => people are experimenting with AFs (but we knew this already)
  - Folks are up for discussion / finding common strategies for development?

- Not everyone sees value in the pilot or in an AF, e.g. Q#4 (also this we knew already)

Some questions asked

Q: *How do we solve the issue of users unicity when using Dask?*

A: (missed) A Dask cluster is created per each user. So there are no ports that conflict. Is this true?

Q: *What's the status of AAI?*

A: Work is ongoing. x509 are being tested and tokens are on their way.

Q: *Why Dask and not something else?*

A: Dask is the most popular commercial solution. This also was incentivised by the ROOT team when they set up RDF.

Q: *Why should I restrict the scope of a pilot rather than promoting easy access for users? Why did you force the users to have analyses written in Coffea/RDF?*
A: Good question, a bit provocative if you ask me. What I said is that we had to start from somewhere, and having this use case was the best thing we came up with.

Nothing prevents the users to get their own stuff and use SWAN as they like. At the end of the day, on slide 2 there is the specific use case addressed by the pilot clearly described.

Q: *Where are we going with this thing? Are we going to see how well it performs after November?*

A: We have ARB In November, it'll be decided there. What we can do right now is to gather as much feedback as possible.

Q: *Where does the eos space come from? Is it allocated or pledged?*

A: No, it is CERNBox, i.e. per user.