



Discussion: Impressions and Feedback on implementing new analyses with ADL/CutLang

Analysis Description Language Tutorial & Hackathon
21-22 Nov 2022, Kyungpook National University, Center for HEP



What are your impressions and feedback?

Thanks for trying to implement an analysis in ADL !

- Please share your impressions feedback so we can improve ADL and CutLang.
 - We have a [googledoc to collect notes](#). You can add your notes there.
- Please share with us your analysis implementations (now or later)!
 - by uploading to the [ADLAnalysisDrafts github repository](#):
<https://github.com/ADL4HEP/ADLAnalysisDrafts>
 - by sharing it on mattermost or emailing it to Sezen



What are your impressions and feedback?

Some concrete questions to motivate the discussion:

- Was the analysis / paper **easy to understand**?
- How much were you able to implement?
- Were there **non-conventional objects / input data formats**?
- Did the experiment provide any **efficiencies for objects** or **weights for events**?
- Were there **complex or non-trivial variables** (that did not already exist as external functions?)
- Were there parts of the **analysis algorithm difficult to translate** to ADL?
- Were **cutflows** provided by the experiment? Did you integrate these in ADL?
- Do you think you have a **better understanding of the analysis** when you see it written in ADL?
- Any other comments, questions you would like to share?
- ...



What's next?

Are you interested in continuing the work?

- Would you like to complete the ADL implementation?
- Would you be interested in running the analysis on events with CutLang?
- Would you like to perform a full validation of the analysis and publish your ADL file?

We are eager to work with you to complete the implementation!