

Highlights of Analysis Workflow Management (AWM)

- Traditionally, in HEP MC production is done in tailored workflow management systems with dedicated infrastructures
- No such system for data analyses is available
- Modern HEP data analyses are
 - complex:
 need diverse techniques and software packages
 - big:
 many large datasets
- Results in large overhead for bookkeeping and data managing
- Time missing from doing actual analysis

AWM Offers

- Automatic bookkeeping
- On-demand data retrieval
- Analysis consists of individual steps that are connected via data collections (produced by one step, input for the next step)
- Payload may be any executable or script
- Software is deployed on the run location as needed
- The only required infrastructure is a common file storage, e.g. dCache