

DUNE COMPUTING MEETING

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Updates

- Processing with v07_08_00_04 is almost done
- Warnings – some duplicates and some files were done with v07_08_00_03 which has incomplete e beam info.

samweb list-files "run_type protodune-sp and data_quality.online_good_run_list 1 and data_tier raw " --summary

File count: 62322

Total size: 509,599,300,319,977

Event count: 7920209

samweb list-files "run_type protodune-sp and data_quality.online_good_run_list 1 and data_tier full-reconstructed and version v07_08_00_%" --summary

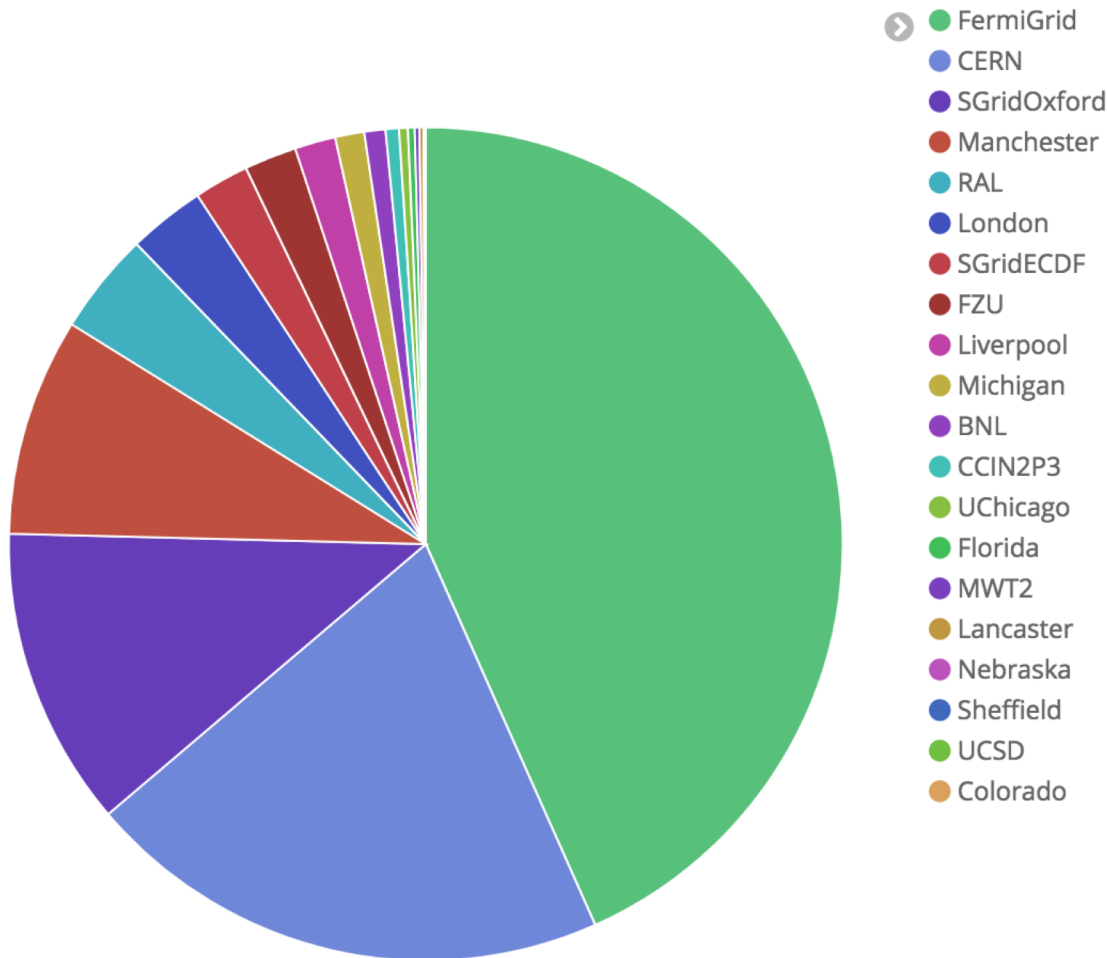
File count: 62566

Total size: 1,044,574,293,215,059

Event count: 7940505

Worldwide contributions

- Location of grid jobs in November
- A total of ~250,000 reconstruction and simulation jobs were run.
- 60% were external to the dedicated resources at FNAL



Accessing data

- Look on dune-data.fnal.gov for sim
- `setup sam_web_client -t`
- `Samweb list-data-disks` gives location list

`samweb list-file-locations --dim="full_path cern-eos% and data_tier full-reconstructed and run_number 5766" --schema=root`

- lists locations for reconstructed 5766 on eos
- Sam dataset definitions for raw and reco:
 - `runset-5432-reco-v07_08_00_04-hv-180kV-beam-2GeV-v0`
 - `runset-5432-raw-hv-180kV-beam-2GeV-v0`
- These have been generated for all good runs.

Not so good news

- Much of this was written to a small (but fast) dcache pool
- To get a particular run

```
nohup samweb prestage-dataset --defname=runset-5432-reco-  
v07_08_00_04-hv-180kV-beam-2GeV-v0 --parallel=5 &
```

To check on prestage status

Need very recent duneutils

```
cache-state.py -d Dataset # or -q dimensions
```