



pathena
(Panda Athena)

Katharine - 16th June 2010

Introduction

- Use to submit your athena jobs to the grid.
- Panda setup now included in the standard grid setup script at Liverpool (`/batchsoft/atlas/grid/setup.sh`).
 - Let Carl or Jan know if this appears to break anything.
- Very easy to use - one line submission.



Using Pathena

- Instead of running your job by doing:

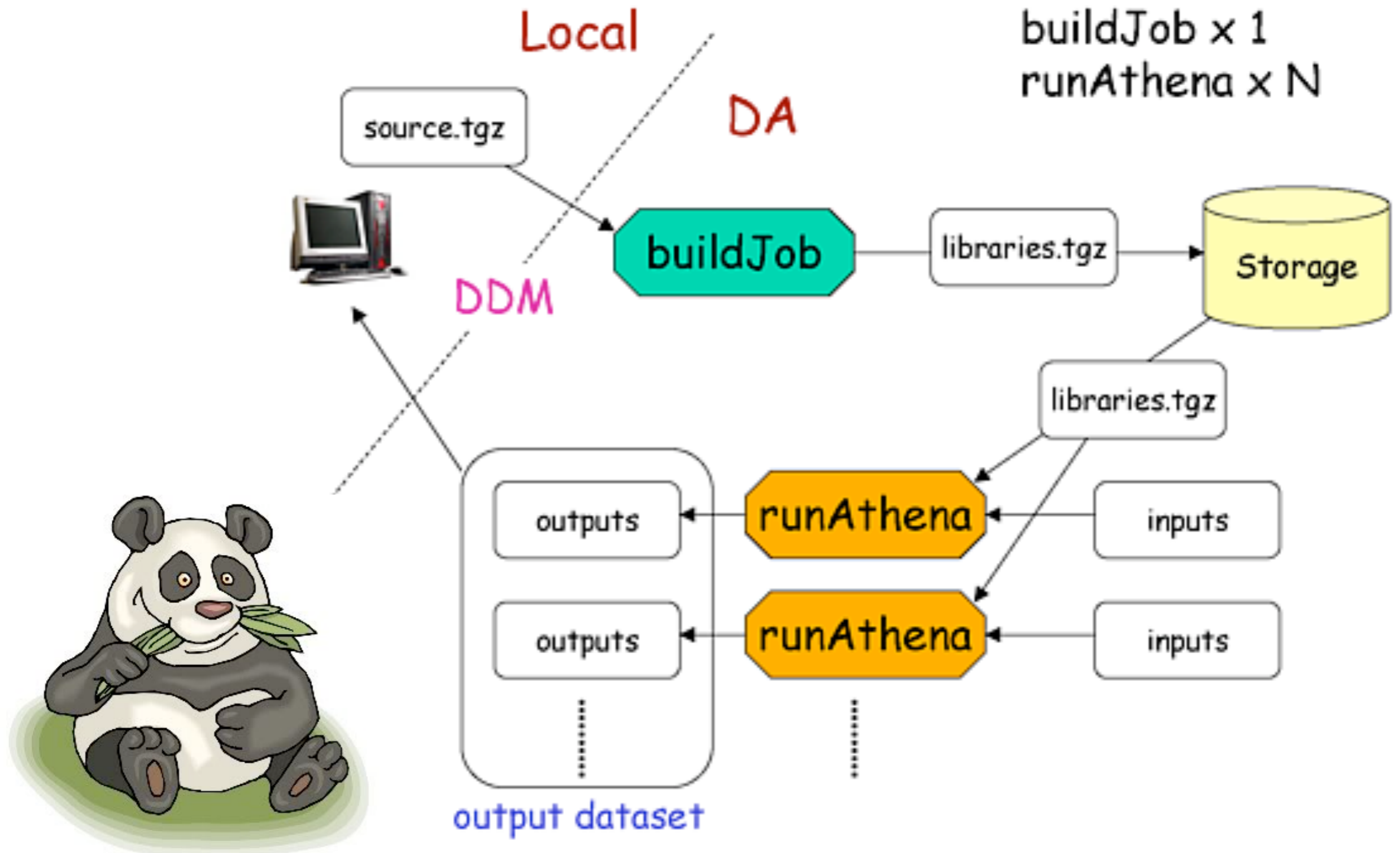
```
>> athena myJobOptions.py
```
- Replace with:

```
>> pathena myJobOptions.py  
--inDS myFavouriteDataset  
--outDS user10.nickname.myNtuple
```



- Possibility to replace input dataset option with a GRL (for data).
- Various other options too...
 - e.g. tell it to run at a particular site.

What happens when you submit jobs



Book-keeping & Job Retrieval

- Monitor jobs online, or from command line:
`>> show(JobID)`
- Re-submit failed sub-jobs: `>> retry(JobID)`
- Kill jobs: `>> kill(JobID)`



- Retrieve ntuples using `dq2-get`
- More instructions on our TWiki:
 - See the 'UsingPathena' page.