

How to create an L1Proc stream for testing the pipeline

Select a current version of L1Proc

- The PROD versions of the L1Proc xml configuration files can be found at this location:
`/afs/slac.stanford.edu/g/glast/ground/PipelineConfig/Level1/X.Y/xml/L1Proc-X.Y.xml`
where X.Y is the version number.
- It is recommended to select a recent version of L1Proc (the current PROD version can be found via the [CCB page](#)).

Upload the L1Proc xml to TEST

- `/afs/slac.stanford.edu/g/glast/ground/bin/pipeline load -m TEST /afs/slac.stanford.edu/g/glast/ground/PipelineConfig/Level1/X.Y/xml/L1Proc-X.Y.xml`
where X.Y is the version number.
- Make absolutely sure that the xml configuration is being uploaded to TEST (the default goes to PROD and we definitely don't want that).
- In case we get the following message: `java.sql.SQLException: ORA-20001: A Task exists with specified name, version numbers, and parent,`
it might be necessary to delete the current task version from the TEST pipeline (this should never be a problem because it's TEST).

Prepare a set of input data and install it into a specific location

- A test file containing one single chunk can be downloaded from [here](#).
- Install, unzip, un-tar the file in a known location. This operation must be done as `glastraw` and the containing folder must have write permissions for `glastraw` without a ticket. Which pretty much means it has to be on NFS, not AFS.
- Example location: `/nfs/farm/g/glast/u28/scratchSpace/376929816/`
- **Warning:** the input chunks will be deleted at the beginning of the job. If you need to roll-back, you will need to re-download [them](#).

Create the L1Proc stream

- This can either be done from command-line or from the web interface. Example from command-line:
`/afs/slac.stanford.edu/g/glast/ground/bin/pipeline createStream -m TEST --stream 376929816 --define "DOWNLINK_ID=376929816, DOWNLINK_RAWDIR=/nfs/farm/g/glast/u28/scratchSpace/376929816" L1Proc`
- The stream progress can be monitored through the TEST [pipeline interface](#)