

Gamma + jets events

To analyze them first I wanted to install proof in tochtli.

Use the tutorial files plus the help in the Root Site.

Proof Local installation

- Permit to use the double processor also useful for debug like memory leaks ..
- `### Load the XrdProofd protocol:`
- `xrd.protocol xproofd libXrdProofd.so`
- `### Changing the number of workers`
- `# xpd.localwrks 2`

```
xrootd -c $MYCONFS/xpd.cf -b -l /tmp/xpd.log
```

Install in a cluster

- Follow the tutorial
- Run the daemon in each node...
- `xrootd -b -l xrootd.log -R proofaccount -c xrd.cf -d`
- this should started in each node
- The proof account I use was podesta but other users can not use the service

Problem in the installation

- Proor runs over one version of root so only Aliroot builded with that version can be used
- Acces to the files in CAF is donde to a root protocol I try it but it did not work however local accces worked prretty good
- I was able to run the tutorial an acces the files I generated.

Conclusions

- Proof It is more or less working
- Need to test it with the JETAN
- Need to share the service.
- size of a pp minimum bias 60 Mb any analysis needs at least 500 K, so we ghave to get more espace