GO TO http://agata.in2p3.fr/
https://svn.in2p3.fr/agata/

Agata AgataSoftware

- Have a look
- From the cookbook
  - install adf
  - install gw
  - install agapro
  - install prespec
  - install watchers

Have a look !

Some agata data are there :

/d/prespec01/egan/run_0059_107Nb_prod_/

- Have a look
- Run the watchers to
  - see the content of some adf files
  - see mbs events
  - see psa data
  - see event:data, event:data:psa
  - build root trees (agata+prespec)
  - discussion around what is inside ...

- Re-start running
- have a look into files
  - where are defined actors/emulators
  - where are defined trees/spectra
  - read directly one psa file, display hits in 3D
  - read directly data:ranc0, do prespec trees
- Run OFT tracking from gammaware
- Run your own tracking code
  - output to watchers
  - output to adf files
- Run femul to replay from traces

Diff of /trunk/tree/tree/src/TBranch.cxx

🕯 Parent Directory | 📖 Revision Log | 📄 Patch

	revision 43518, Wed Mar 28 01:04:07 2012 UTC	revision 43607, Mon Apr 2 14:51:59 2012 UTC
#	**Line 1658**	**Line 1658**
1658		
1659	Int_t dentries = (Int_t) (fEntries - maxEntries);	Int_t dentries = (Int_t) (fEntries - maxEntries);
1660	TBasket* basket = (TBasket*) fBaskets.UncheckedAt(0);	TBasket* basket = (TBasket*) fBaskets.UncheckedAt(0);
1661	basket->MoveEntries(dentries);	if (basket) basket->MoveEntries(dentries);
1662	fEntries = maxEntries;	fEntries = maxEntries;
1663	fEntryNumber = maxEntries;	fEntryNumber = maxEntries;
1664	//loop on sub branches	//loop on sub branches

Colored Diff ⟱ (Show)

Legend:
Removed from v.43518
changed lines
Added in v.43607

Run OFT tracking from gammaware

Some macros updated on the svn server.
Check with svn status -u -q
if no conflict (no line with M and *), svn update
Gammaware should knows agapro
    root -l 'GSILoadWatchers.C("/where/is/installed/AgataSoftware")'
    root [1] .L DoExTracking.C+
    root [2] DoExTracking()

        --> not operational yet ... soon !

change DoExTracking.C to run the ExTracking Filter
check the data:tracked frame is produced
add the Coinc2D watcher
save the output of the tracking in .adf file

Run femul to replay from signals

Femul utilisation

You need:

- femul (install in the AgataSofware)
- a gen_conf.py (change the one use from online, or use the one in egan/femul)
- a Topology file (one simple is define in the egan/femul folder
- some psa bases files (in /d/prespec01/egan/base)
- ADF.conf

Prepare the folder:

- copy a local version of femul,gen_conf2.py and ADF.conf in the AgataWorkspace
- execute the gen_conf2.py:
   /u/agatadaq/py/Python-2.6/python gen_conf2.py -o OLD_CONF
- remove the default Data folder generate by the gen_conf
- Create a symbolic link Data pointing on your data:
   ln -s /d/prespec01/egan/run_0059_107Nb_prod_/Data Data

Execute femul:

- femul TopologyTotal_2.conf

Please copy them after 12:30, there was some errors in them