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Subject: mystery

Posted by [Gianluigi Boca](#) on Sat, 03 Sep 2011 22:01:44 GMT

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Hi,

I run some macros from svn generating 20 events of Eta\_c :

```
pandaroot/macro/run/tdrct/eta_c/run_sim_stt_evt.C
pandaroot/macro/run/tdrct/eta_c/run_digi_stt_evt.C
pandaroot/macro/run/tdrct/eta_c/run_reco_stt_evt.C
pandaroot/macro/run/tdrct/eta_c/run_pid_stt_evt.C
pandaroot/macro/run/tdrct/eta_c/run_ana_eta_c_stt.C
```

When I count the n. of entries in the root files I find:

```
20 evts  in evt_points_stt.root (right!)
21 evts  in evt_digi_stt.root (ok, this is the extra evt by
      Tobias)
22 evts  in evt_reco_stt.root (what ??????????)
21 evts  in evt_pid_stt.root (coherent with evt_digi_stt.root)
```

Has anybody an explanation for these 22 evts ? Can I consider the first 20 evts aligned anyways?

Thanks in advance Gianluigi

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Subject: Re: mystery

Posted by [Stefano Spataro](#) on Sat, 03 Sep 2011 22:08:52 GMT

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Hi,

the first 20 events are always aligned.

The number of events is equal to the number of events of the input file +1.

```
points -> 20
digi = points + 1 = 21
reco = digi + 1 = 22
pid = points + 1 = 21
```

In reco macro the input file is digi (21), and points is added as friend.

In pid macro the input file is points (20), and digi/reco are added as friends.

I hope I made everything clear.

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