
Subject: Removal of obsolete macros in emc
Posted by [mpeliz](#) on Sat, 28 Nov 2009 22:36:12 GMT
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Dear all,

for the upcoming stable release, obsolete macros in macos/emc should be removed. Since everything from simulation to reconstruction is performed by the three scripts `sim_emc.C`, `digi_emc.C`, `reco_emc.C` I would like to remove all other macros except `emc_complete.C` (which performs the complete chain) if noone has any objections:

`anal_hit_digi_cluster_fwendcap.C`
`anal_point_fwendcap.C`
`bump_analys.C`
`bump_emc.C`
`cluster_emc.root`
`createRootGeoFileBwEnd_FwEndCapGeo.C`
`createRootGeoFileBwEnd_StraightGeo26.C`
`createRootGeoFileBwEnd_StraightGeo.C`
`createRootGeoFileFwEnd.C`
`createRootGeoFileFwEnd_changed.C`
`createRootGeoFileFwEnd_fixed.C`
`digi_analys.C`
`digi_emc_simple.C`
`draw_geom.C`
`emc_complete.C`
`full_emc.C`
`full_tmpWaveform_emc.C`
`gphysi.dat`
`hit_analys.C`
`hit_emc_apd.C`
`hit_emc.C`
`igs2g4`
`reco_analys2.C`
`reco_analys3.C`
`reco_analys4.C`
`reco_analys.C`
`reco_apd.C`
`sim_emc_apd.C`
`sim_emc_evtgen.C`
`sim_emc_test.C`
`sim_hit_emc.C`
`simparams.root`
`structure_analysis_emc.C`
`vis_mc_ids.C`

Best regards,
Marc

Subject: Re: Removal of obsolete macros in emc
Posted by [Stefano Spataro](#) on Mon, 30 Nov 2009 09:37:33 GMT
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Hi,
I don't think that many of those macros are obsolete.

The full reconstruction of EMC is done mainly by two macros, `sim_emc.C` and `full_emc.C` (`digi_emc`, `reco_emc` and `bump_emc` could be removed, since their job is done by `full_emc`), but there are still useful macros:

- 1) macros for apd studies (used by Chris Strackbein, as far as I know) -> `sim_emc_apd` and `hit_emc_apd`
- 2) macros to create the endcap geometries -> `create*`
- 3) macros to display clusters and MC is -> `vis_mc_ids`
- 4) macros to check the quote quality (written by Dima) -> `reco*`

Maybe some of them need an update, because using old geometries and old mapping.

I think, for the stable, only `sim` and `full` should go, but the others should be checked one by one to delete them or not.

Subject: Re: Removal of obsolete macros in emc
Posted by [Bertram Kopf](#) on Mon, 30 Nov 2009 10:04:50 GMT
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Hi Marc,

the macro "`full_tmpWaveform_emc.C`" is an example how to use the (proxy) dictionary and it seems to work without any problems. Therefore I would like to ask you not to remove this macro.

Cheers,
Bertram.

Subject: Re: Removal of obsolete macros in emc
Posted by [mpeliz](#) on Tue, 01 Dec 2009 12:42:55 GMT
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Hello,

for the EMC the three macros

```
sim_emc.C
digi_emc.C
reco_emc.C
```

are working properly for the three step approach.
The approach without intermediate output is done by

emc_complete.C

These macros should go to the next stable release.

All other macros of the individual users and/or qa macros have been moved to the newly created dedicated directory for you convenience.

Best regards,
Marc

Subject: Re: Removal of obsolete macros in emc
Posted by [Johan Messchendorp](#) on Tue, 01 Dec 2009 13:29:51 GMT
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many many thanks!

Johan.
