
Subject: ROOT5 and ROOT6 comparison - UPDATE

Posted by [Radoslaw Karabowicz](#) on Tue, 20 Oct 2015 06:28:17 GMT

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I would like to update you on the status of the ROOT5 vs ROOT6 comparison, presented by me on the last collaboration meeting in GSI.

In a process to confirm results I discovered that the FairSoft with ROOT5 was compiled with the debug flag turned on. This made the ROOT5 to run considerably slower.

After the recompilation without the debug flag the time performances of ROOT5 and ROOT6 are almost identical, as seen in the below table.

Sorry for the confusion I have introduced.

yours,
radek

File Attachments

1) [Screen Shot 2015-10-20 at 08.20.40.png](#), downloaded 927 times

r28516/

macro/ **sim_complete.C**

digi_complete.C

reco

run/

| Geant3 | ROOT5 | ROOT6 | ROOT5 | ROOT6 | ROOT |
|--------------------|--------------|--------------|--------------|--------------|--------------|
| 1 event | 24s 114K | 31s 104K | 10s 166K | 13s 159K | 15s 94K |
| 10 events | 25s 323K | 29s 314K | 10s 299K | 14s 282K | 18s 164K |
| 100 events | 42s 2.3M | 44s 2.5M | 19s 1.4M | 22s 1.5M | 44s 754K |
| 1000 events | 210s 23M | 209s 23M | 134s 13M | 139s 13M | 310s 6.4M |