

ROOT 6 Upgrade

Pros

- All new ROOT features go into ROOT6 branch only
- ROOT5 will not build with gcc6 – it will become harder and harder to install MAUS on modern systems (MAUS already won't build on Fedora 25 without the upgrade)

Cons

- Small amount of code modification may be needed in your analysis scripts. Minor changes quickly found by searching the error text. Most commonly:
 - `.` must become `->` for pointers
 - `hist.SetBit(ROOT.TH1.kCanRebin)` removed
 - `TF1:Integral(zstart, zend, f_error->GetParameters(), 1e-3)`
- remove third argument

Try it out `bzr branch lp:~ajdobbs/maus/maus-root6`