
Subject: Simulation on a batch farm

Posted by [Sebastian Neubert](#) on Wed, 13 Jun 2007 10:07:28 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi!

The problem that G4 cannot be run without an XServer available as is the case for most batch machines is known already. However I want to keep it present and somewhere at the top of the priority list.

Currently I would like to run several jobs for space charge studies and tracking studies. Limited to my office machine I am not very effective at that.

Regards,
Sebastian.

Subject: Re: Simulation on a batch farm

Posted by [Mohammad Al-Turany](#) on Tue, 18 Sep 2007 19:42:53 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi,

In fact the problem is not in Geant4, but in Geant4VMC part, trying to run the simulation in batch mode will crash because of some graphic libraries needed by G4VMC, I will report this to Ivana. For now if you like to run with G4 in batch mode (root sim.C -b) just add the line:

```
gSystem->Load("libGui")
```

to your simulation macro and it should work with G4.

regards

Mohammad
