Subject: Re: Configuration files outside gconfig directory
Posted by Volker Friese on Fri, 21 Nov 2008 17:32:50 GMT
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Dear Mohammad,

thanks for acting so quickly. I will test this as soon as possible.

However, I would like to propose a more user-friendly way to achieve the flexibility w.r.t. the transport configuration, which I think is easy to be implemented. It would require the user to define the configuration (and SetCut) script in the macro, e.g. by


```
// -----   Create simulation run
  CbmRunSim* fRun = new CbmRunSim();
  fRun->SetName("TGeant3");           // Transport engine

  // ---> new
  fRun->SetConfig("myConfigFile.C");
  fRun->SetCuts("myCuts.C")

  fRun->SetOutputFile(outFile);       // Output file
  CbmRuntimeDb* rtdb = fRun->GetRuntimeDb();
// ---------
```


In my opinion, this is an easier way than defining a path with environment variables, which is somehow error prone. Moreover, all settings are now documented in the run macro. It requires only two additional (string) members in CbmRunSim with the appropriate setters. These variables are then given to the MCApplication at initialisation.

As in your solution, the default files (from VMCWORKDIR) should be taken if these variables are not set in the macro.