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Subject: Re-Run in FairRunSim

Posted by [GGarJim](#) on Wed, 28 Oct 2020 16:12:57 GMT

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Hi all,

I need to run several iterations of a simulation with the same instance of FairRunSim, but it crashes while entering in the second iteration (first iteration is fine). I think the problem is that Init() is trying to create a second instance of a singleton (FairGeoLoader). If I not define Init() it crashes without further explanations. Example:

```
// ----- Initialize simulation run -----
run->Init();

Bool_t kParameterMerged = kTRUE;
FairParRootFileIo* parOut = new FairParRootFileIo(kParameterMerged);
parOut->open(ParFile.Data());
rtdb->setOutput(parOut);
rtdb->saveOutput();
rtdb->print();

// ----- Start run -----
if (nEvents > 0)
    run->Run(nEvents);

// ---- Fine until here -----

run->Init();

if (nEvents > 0)
    run->Run(nEvents);

//----- Crashes -----
```

Any idea of how to solve this?

Many thanks!

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