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Subject: Digitization or Tracking in STT class.  
Posted by [donghee](#) on Tue, 14 Apr 2009 14:17:37 GMT  
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Dear all,

Does anybody knows the meaning of segmentation fault with human word?

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DemoPatternRecoTask::Exec

0 tracks created

DemoKalmanTask::Exec Event 0

DIGI EXECUTION \*\*\*\*\*

Hit array contains 107 hits

Event Number 0

caution: wrong drift time

caution: wrong drift time

caution: wrong drift time

caution: wrong drift time

Nr of Points: 4

\*\*\* Break \*\*\* segmentation violation

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At a rough guess, DemoPattern and DemoKalmanTask couldn't find events, or digitization of emc, mvd, or stt have been wrong.

I'm following a simple example runReco.C in pandaroot/macro/fsim/

Simply, suggested sentences are introduced to perform the pattern recognition and kalman fit in my reconstruction script.

There are some EMC modules and few Tracking devices, which are delivered from other scripts for example in pandaroot/macro/run/reco\_complete.C

The full script for this reconstruction purpose is also attached

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```
DemoPatternRecoTask* DemoPR = new DemoPatternRecoTask();
DemoPR->AddHitBranch(2,"PndTpcPoint");
// DemoPR->AddHitBranch(3,"MVDPoint");
DemoPR->SetPersistence();
// DemoPR->UseGeane();
fRun->AddTask(DemoPR);
```

```
DemoKalmanTask* DemoKalman = new DemoKalmanTask();
DemoKalman->AddHitBranch(2,"PndTpcPoint");
// DemoKalman->AddHitBranch(3,"MVDPoint");
DemoKalman->SetPersistence();
// DemoKalman->SetSmooth(true);
fRun->AddTask(DemoKalman);
```

.....

```
DemoToolsTask* DemoTools = new DemoToolsTask();
fRun->AddTask(DemoTools);
```

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Thank you for your coorporation!!!

Best wishes,

Donghee Kang in Mainz

File Attachments

1) [My\\_dvcs\\_full\\_reco.C](#), downloaded 475 times

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