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Subject: About run time of new reco macro  
Posted by [Ajay Kumar](#) on Tue, 16 Oct 2012 14:23:39 GMT  
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Hi..all

I have done simulation and digitization by taking lambda-lambdabar chennal for  $10^5$  events. Both the process taking 24 hours and 16 hours respectively. Now I have proceed for reconstruction, somehow it is taking very long time. already two days are gone, still it is on event no. 1035.

Is it happening in my case only or essencially it will take more time?

The output on the terminal looks like as:-

```
-E- Unassigned Layer:
/cave_1/MVD-1.0-2addDisks_0/PixeloHshellov2_1/PixeloMdkov1-NEW_1/PixeloM
odo6x2_4/PixelActiveo6x2oPartAss_1/PixelActiveo6x2_1
-E- Unassigned Layer:
/cave_1/MVD-1.0-2addDisks_0/StripoLdk_3/StripoSmodoN2oTrapL_6/StripoModo
1SensoTrapL_2/StripoSensoTrapL_1/StripActiveoTrapLoPartAss_1/StripActive oTrapL_1
-E- Unassigned Layer:
/cave_1/MVD-1.0-2addDisks_0/StripoLdk_4/StripoSmodoN2oTrapL_1/StripoModo
1SensoTrapL_1/StripoSensoTrapL_1/StripActiveoTrapLoPartAss_1/StripActive oTrapL_1
-E- Unassigned Layer:
/cave_1/MVD-1.0-2addDisks_0/StripoHshell_2/StripoLdk_2/StripoSmodoN2oTra
pL_6/StripoModo1SensoTrapL_2/StripoSensoTrapL_1/StripActiveoTrapLoPartAs
s_1/StripActiveoTrapL_1
-E- Unassigned Layer:
/cave_1/MVD-1.0-2addDisks_0/StripoHshell_1/StripoLdk_1/StripoSmodoN2oTra
pL_1/StripoModo1SensoTrapL_1/StripoSensoTrapL_1/StripActiveoTrapLoPartAs
s_1/StripActiveoTrapL_1
-E- Unassigned Layer:
/cave_1/MVD-1.0-2addDisks_0/StripoHshell_1/StripoBI4_1/StripoSmodoN5oRec
t_2/StripoModo2SensoRectL_1/StripoSensoRectL_5/StripActiveoRectLoPartAss
_1/StripActiveoRectL_1
-E- Unassigned Layer:
/cave_1/MVD-1.0-2addDisks_0/StripoHshell_1/StripoBI3_1/StripoSmodoN5oRec
t_1/StripoModo2SensoRectL_1/StripoSensoRectL_5/StripActiveoRectLoPartAss
_1/StripActiveoRectL_1
-E- Unassigned Layer:
/cave_1/MVD-1.0-2addDisks_0/StripoHshell_1/StripoBI3_1/StripoSmodoN5oRec
t_1/StripoModo2SensoRectL_1/StripoSensoRectL_5/StripActiveoRectLoPartAss
_1/StripActiveoRectL_1
Found Tracks: 0 in event no. 1031
-----
Ox = -89.702, Oy 0.374121, R = 89.7028
-E- Unassigned Layer:
/cave_1/MVD-1.0-2addDisks_0/PixeloHshellov2_1/PixeloMdkov1-NEW_2/PixeloM
odo6x2_8/PixelActiveo6x2oPartAss_1/PixelActiveo6x2_1
-E- Unassigned Layer:
```

/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloMdkov1-NEW\_3/PixeloM  
odo6x2\_8/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1

-E- Unassigned Layer:

/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_2/PixeloMdkov1-NEW\_2/PixeloM  
odo6x2\_8/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1

-E- Unassigned Layer:

/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloMdkov1-NEW\_2/PixeloM  
odo6x2\_8/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1

-E- Unassigned Layer:

/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_2/PixeloMdkov1-NEW\_2/PixeloM  
odo6x2\_8/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1

-E- Unassigned Layer:

/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoLdk\_1/StripoSmodoN2oTra  
pL\_6/StripoModo1SensoTrapL\_1/StripoSensoTrapL\_1/StripActiveoTrapLoPartAs  
s\_1/StripActiveoTrapL\_1

-E- Unassigned Layer:

/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_2/StripoLdk\_1/StripoSmodoN2oTra  
pL\_6/StripoModo1SensoTrapL\_1/StripoSensoTrapL\_1/StripActiveoTrapLoPartAs  
s\_1/StripActiveoTrapL\_1

-E- Unassigned Layer:

/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoLdk\_2/StripoSmodoN2oTra  
pL\_6/StripoModo1SensoTrapL\_1/StripoSensoTrapL\_1/StripActiveoTrapLoPartAs  
s\_1/StripActiveoTrapL\_1

-E- Unassigned Layer:

/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_2/StripoLdk\_1/StripoSmodoN2oTra  
pL\_6/StripoModo1SensoTrapL\_1/StripoSensoTrapL\_1/StripActiveoTrapLoPartAs  
s\_1/StripActiveoTrapL\_1

-E- Unassigned Layer:

/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_2/StripoLdk\_2/StripoSmodoN2oTra  
pL\_6/StripoModo1SensoTrapL\_1/StripoSensoTrapL\_1/StripActiveoTrapLoPartAs  
s\_1/StripActiveoTrapL\_1

Found Tracks: 0 in event no. 1032

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Ox = 146.533, Oy 85.5839, R = 169.696

Ox = 125.891, Oy 58.2314, R = 138.706

Ox = -22.3759, Oy 3.54062, R = 22.6543

Ox = -32.7257, Oy -1.4415, R = 32.7575

-E- Unassigned Layer:

/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloMdkov1-NEW\_4/PixeloM  
odo6x2\_4/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1

-E- Unassigned Layer:

/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloSdk-v2-NEW\_2/PixeloM  
odo4x2\_5/PixelActiveo4x2oPartAss\_1/PixelActiveo4x2\_1

-E- Unassigned Layer:

/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_2/PixeloMdkov1-NEW\_1/PixeloM  
odo6x2\_4/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1

-E- Unassigned Layer:

/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloBI2ov3-NEW\_1/PixeloS  
modo6x2o2o4x2o1ov2\_6/PixeloSmodo6x2o2\_1/PixeloModo6x2\_1/PixelActiveo6x2o  
PartAss\_1/PixelActiveo6x2\_1

-E- Unassigned Layer:

/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloMdkov1-NEW\_4/PixeloM

odo4x2\_3/PixelActiveo4x2oPartAss\_1/PixelActiveo4x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_2/PixeloMdkov1-NEW\_4/PixeloM  
odo6x2\_8/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloMdkov1-NEW\_3/PixeloM  
odo6x2\_8/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloSdk-v2-NEW\_1/PixeloM  
odo4x2\_5/PixelActiveo4x2oPartAss\_1/PixelActiveo4x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloBI1ov2-NEW\_1/PixeloS  
modo6x1\_5/PixeloModo6x1\_1/PixelActiveo6x1oPartAss\_1/PixelActiveo6x1\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloBI2ov3-NEW\_1/PixeloS  
modo6x2o2o4x2o1ov2\_2/PixeloSmodo6x2o2\_1/PixeloModo6x2\_2/PixelActiveo6x2o  
PartAss\_1/PixelActiveo6x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloBI2ov3-NEW\_1/PixeloS  
modo6x2o1o4x2o1\_2/PixeloSmodo4x2o1\_2/PixeloModo4x2\_1/PixelActiveo4x2oPar  
tAss\_1/PixelActiveo4x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoBI4\_1/StripoSmodoN6oRec  
t\_20/StripoModo2SensoRectL\_3/StripoSensoRectL\_4/StripActiveoRectLoPartAs  
s\_1/StripActiveoRectL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoBI3\_1/StripoSmodoN6oRec  
t\_7/StripoModo2SensoRectM\_1/StripoSensoRectS\_1/StripActiveoRectSoPartAss  
\_1/StripActiveoRectS\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoMdk\_2/StripoMdkoHalf\_2/StripoModo1Sens  
oTrapL\_5/StripoSensoTrapL\_1/StripActiveoTrapLoPartAss\_1/StripActiveoTrap L\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoMdk\_1/StripoMdkoHalf\_2/StripoModo1Sens  
oTrapL\_5/StripoSensoTrapL\_1/StripActiveoTrapLoPartAss\_1/StripActiveoTrap L\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoLdk\_3/StripoSmodoN2oTrapL\_2/StripoModo  
1SensoTrapL\_1/StripoSensoTrapL\_1/StripActiveoTrapLoPartAss\_1/StripActive oTrapL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoBI4\_1/StripoSmodoN6oRec  
t\_21/StripoModo2SensoRectL\_3/StripoSensoRectL\_5/StripActiveoRectLoPartAs  
s\_1/StripActiveoRectL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoLdk\_4/StripoSmodoN2oTrapL\_4/StripoModo  
1SensoTrapL\_1/StripoSensoTrapL\_1/StripActiveoTrapLoPartAss\_1/StripActive oTrapL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_2/StripoBI4\_1/StripoSmodoN5oRec  
t\_2/StripoModo2SensoRectL\_1/StripoSensoRectL\_5/StripActiveoRectLoPartAss  
\_1/StripActiveoRectL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoBI4\_1/StripoSmodoN6oRec  
t\_11/StripoModo2SensoRectL\_3/StripoSensoRectL\_5/StripActiveoRectLoPartAs

s\_1/StripActiveoRectL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoBI3\_1/StripoSmodoN6oRec  
t\_8/StripoModo2SensoRectL\_3/StripoSensoRectL\_4/StripActiveoRectLoPartAss  
\_1/StripActiveoRectL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoBI4\_1/StripoSmodoN6oRec  
t\_10/StripoModo2SensoRectL\_3/StripoSensoRectL\_5/StripActiveoRectLoPartAs  
s\_1/StripActiveoRectL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoBI3\_1/StripoSmodoN6oRec  
t\_2/StripoModo2SensoRectL\_3/StripoSensoRectL\_4/StripActiveoRectLoPartAss  
\_1/StripActiveoRectL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_2/StripoBI4\_1/StripoSmodoN6oRec  
t\_9/StripoModo2SensoRectL\_3/StripoSensoRectL\_4/StripActiveoRectLoPartAss  
\_1/StripActiveoRectL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_2/StripoBI4\_1/StripoSmodoN6oRec  
t\_21/StripoModo2SensoRectM\_1/StripoSensoRectL\_6/StripActiveoRectLoPartAss  
s\_1/StripActiveoRectL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoBI3\_1/StripoSmodoN6oRec  
t\_1/StripoModo2SensoRectM\_1/StripoSensoRectL\_6/StripActiveoRectLoPartAss  
\_1/StripActiveoRectL\_1  
Found Tracks: 0 in event no. 1033

-----  
Ox = -13.7055, Oy -15.4158, R = 20.6273  
Time used: 60.0 secs. Memory used: 73.9 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 78.6 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 78.5 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -10.5874, Oy 2.73102, R = 10.9339  
Time used: 60.0 secs. Memory used: 95.3 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 68.8 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 78.6 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 59.0 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -10.5874, Oy 2.73102, R = 10.9339  
Time used: 60.0 secs. Memory used: 98.4 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 80.6 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -10.5874, Oy 2.73102, R = 10.9339  
Time used: 60.0 secs. Memory used: 66.4 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 79.1 Mb.

TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -10.5528, Oy 2.85146, R = 10.9313  
Ox = -16.5142, Oy -15.35, R = 22.5465  
Time used: 60.0 secs. Memory used: 98.0 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 62.7 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 100.0 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -286.811, Oy 419.651, R = 508.299  
Time used: 60.0 secs. Memory used: 65.1 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 91.1 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -4.2408, Oy 13.4923, R = 14.1431  
Ox = -6.5478, Oy -13.827, R = 15.299  
Ox = -6.5478, Oy -13.827, R = 15.299  
Time used: 60.0 secs. Memory used: 65.5 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -6.5478, Oy -13.827, R = 15.299  
Ox = -4.2408, Oy 13.4923, R = 14.1431  
Ox = -6.5478, Oy -13.827, R = 15.299  
Time used: 60.0 secs. Memory used: 58.9 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -6.5478, Oy -13.827, R = 15.299  
Ox = -23.1894, Oy -10.344, R = 25.3919  
Time used: 60.0 secs. Memory used: 86.9 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 78.1 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -9.29496, Oy 6.70291, R = 11.4597  
Time used: 60.0 secs. Memory used: 73.0 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 60.8 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 69.0 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -6.5478, Oy -13.827, R = 15.299  
Ox = -9.29496, Oy 6.70291, R = 11.4597  
Time used: 60.0 secs. Memory used: 94.5 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -9.29496, Oy 6.70291, R = 11.4597  
Time used: 60.0 secs. Memory used: 90.7 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -11.0442, Oy 2.12269, R = 11.2464  
Ox = -4.2408, Oy 13.4923, R = 14.1431  
Ox = -11.0442, Oy 2.12269, R = 11.2464  
Ox = -10.4271, Oy -5.38377, R = 11.7349  
Ox = -9.29437, Oy 6.70308, R = 11.4593  
Ox = -17.4568, Oy 1.62325, R = 17.5321  
Ox = -4.2408, Oy 13.4923, R = 14.1431  
Time used: 60.0 secs. Memory used: 63.6 Mb.

TIME LIMIT EXCEEDED; SEARCH TERMINATED

Time used: 60.0 secs. Memory used: 67.7 Mb.

TIME LIMIT EXCEEDED; SEARCH TERMINATED

Ox = -10.8897, Oy 1.60049, R = 11.0067

Ox = -10.4271, Oy -5.38377, R = 11.7349

Ox = -9.29437, Oy 6.70308, R = 11.4593

Ox = -17.4568, Oy 1.62325, R = 17.5321

Ox = -10.8897, Oy 1.60049, R = 11.0067

Ox = -10.4271, Oy -5.38377, R = 11.7349

Time used: 60.0 secs. Memory used: 64.8 Mb.

TIME LIMIT EXCEEDED; SEARCH TERMINATED

Time used: 60.0 secs. Memory used: 75.8 Mb.

TIME LIMIT EXCEEDED; SEARCH TERMINATED

Ox = -10.8897, Oy 1.60049, R = 11.0067

Ox = -10.4271, Oy -5.38377, R = 11.7349

Ox = -17.4568, Oy 1.62325, R = 17.5321

Ox = -11.0442, Oy 2.12269, R = 11.2464

Ox = -11.0442, Oy 2.12269, R = 11.2464

Ox = -11.0442, Oy 2.12269, R = 11.2464

Ox = -11.0442, Oy 2.12269, R = 11.2464

Ox = -10.4271, Oy -5.38377, R = 11.7349

Time used: 60.0 secs. Memory used: 67.5 Mb.

TIME LIMIT EXCEEDED; SEARCH TERMINATED

Ox = -17.4568, Oy 1.62325, R = 17.5321

Ox = -11.0442, Oy 2.12269, R = 11.2464

Ox = -10.4271, Oy -5.38377, R = 11.7349

Ox = -11.0442, Oy 2.12269, R = 11.2464

Ox = -4.2408, Oy 13.4923, R = 14.1431

Time used: 60.0 secs. Memory used: 66.8 Mb.

TIME LIMIT EXCEEDED; SEARCH TERMINATED

Ox = -11.0442, Oy 2.12269, R = 11.2464

Ox = -17.4568, Oy 1.62325, R = 17.5321

Ox = -10.4271, Oy -5.38377, R = 11.7349

Ox = -4.2408, Oy 13.4923, R = 14.1431

Time used: 60.0 secs. Memory used: 58.6 Mb.

TIME LIMIT EXCEEDED; SEARCH TERMINATED

Ox = -9.29437, Oy 6.70308, R = 11.4593

Time used: 60.0 secs. Memory used: 56.0 Mb.

TIME LIMIT EXCEEDED; SEARCH TERMINATED

Time used: 60.0 secs. Memory used: 68.0 Mb.

TIME LIMIT EXCEEDED; SEARCH TERMINATED

Ox = -17.4568, Oy 1.62325, R = 17.5321

Ox = -11.0442, Oy 2.12269, R = 11.2464

Ox = -10.4271, Oy -5.38377, R = 11.7349

Ox = -10.4271, Oy -5.38377, R = 11.7349

Ox = -11.0442, Oy 2.12269, R = 11.2464

Time used: 60.0 secs. Memory used: 64.6 Mb.

TIME LIMIT EXCEEDED; SEARCH TERMINATED

Ox = -10.4271, Oy -5.38377, R = 11.7349

Time used: 60.0 secs. Memory used: 67.0 Mb.

TIME LIMIT EXCEEDED; SEARCH TERMINATED

Ox = -11.0442, Oy 2.12269, R = 11.2464



Ox = -10.4271, Oy -5.38377, R = 11.7349  
Ox = -10.4271, Oy -5.38377, R = 11.7349  
Ox = -4.2408, Oy 13.4923, R = 14.1431  
Time used: 60.0 secs. Memory used: 73.3 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 70.5 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -17.4568, Oy 1.62325, R = 17.5321  
Ox = -4.2408, Oy 13.4923, R = 14.1431  
Time used: 60.0 secs. Memory used: 74.0 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -29.9954, Oy 5.03429, R = 30.4149  
Time used: 60.0 secs. Memory used: 69.5 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 59.0 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -11.0442, Oy 2.12269, R = 11.2464  
Time used: 60.0 secs. Memory used: 63.6 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -10.4271, Oy -5.38377, R = 11.7349  
Ox = -9.29437, Oy 6.70308, R = 11.4593  
Ox = -17.4568, Oy 1.62325, R = 17.5321  
Time used: 60.0 secs. Memory used: 66.0 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 67.9 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Warning: numerical instability (dual simplex, phase II)  
Ox = -17.4568, Oy 1.62325, R = 17.5321  
Ox = -17.4568, Oy 1.62325, R = 17.5321  
Ox = -10.656, Oy 6.71976, R = 12.5978  
Ox = -38.9072, Oy 6.42644, R = 39.4343  
Ox = 1.40707, Oy 10.2683, R = 10.3643  
Ox = -4.2408, Oy 13.4923, R = 14.1431  
Time used: 60.0 secs. Memory used: 65.0 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 71.0 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -17.4568, Oy 1.62325, R = 17.5321  
Ox = -9.29437, Oy 6.70308, R = 11.4593  
Time used: 60.0 secs. Memory used: 66.1 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = -9.29437, Oy 6.70308, R = 11.4593  
Ox = -17.4568, Oy 1.62325, R = 17.5321  
Ox = 1.40707, Oy 10.2683, R = 10.3643  
Ox = -9.14376, Oy 6.77528, R = 11.3804  
Warning: numerical instability (dual simplex, phase II)  
Warning: numerical instability (dual simplex, phase II)  
Ox = -17.4568, Oy 1.62325, R = 17.5321  
Warning: numerical instability (dual simplex, phase II)  
Warning: numerical instability (dual simplex, phase II)  
Ox = -17.4568, Oy 1.62325, R = 17.5321  
Ox = -17.4568, Oy 1.62325, R = 17.5321







/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloMdkov1-NEW\_1/PixeloM  
odo6x2\_6/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloBI1ov2-NEW\_1/PixeloS  
modo6x1\_4/PixeloModo6x1\_1/PixelActiveo6x1oPartAss\_1/PixelActiveo6x1\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloBI2ov3-NEW\_1/PixeloS  
modo6x2o2o4x2o1ov2\_5/PixeloSmodo4x2o1\_1/PixeloModo4x2\_1/PixelActiveo4x2o  
PartAss\_1/PixelActiveo4x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloMdkov1-NEW\_2/PixeloM  
odo6x2\_7/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloSdk-v2-NEW\_2/PixeloM  
odo4x2\_4/PixelActiveo4x2oPartAss\_1/PixelActiveo4x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_1/PixeloSdk-v2-NEW\_1/PixeloM  
odo4x2\_4/PixelActiveo4x2oPartAss\_1/PixelActiveo4x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoLdk\_1/StripoSmodoN2oTra  
pL\_4/StripoModo1SensoTrapL\_1/StripoSensoTrapL\_1/StripActiveoTrapLoPartAs  
s\_1/StripActiveoTrapL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoLdk\_2/StripoSmodoN2oTra  
pL\_4/StripoModo1SensoTrapL\_1/StripoSensoTrapL\_1/StripActiveoTrapLoPartAs  
s\_1/StripActiveoTrapL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoBI4\_1/StripoSmodoN6oRec  
t\_17/StripoModo2SensoRectL\_3/StripoSensoRectL\_4/StripActiveoRectLoPartAs  
s\_1/StripActiveoRectL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoBI3\_1/StripoSmodoN6oRec  
t\_5/StripoModo2SensoRectL\_3/StripoSensoRectL\_5/StripActiveoRectLoPartAss  
\_1/StripActiveoRectL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoLdk\_4/StripoSmodoN2oTrapL\_3/StripoModo  
1SensoTrapL\_2/StripoSensoTrapL\_1/StripActiveoTrapLoPartAss\_1/StripActive  
oTrapL\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/StripoHshell\_1/StripoBI3\_1/StripoSmodoN6oRec  
t\_6/StripoModo2SensoRectL\_3/StripoSensoRectL\_4/StripActiveoRectLoPartAss  
\_1/StripActiveoRectL\_1  
Found Tracks: 0 in event no. 1034

-----  
Ox = 13.3476, Oy -38.1224, R = 40.3915  
Ox = -19.9414, Oy -103.726, R = 105.626  
Ox = 14.4747, Oy 20.3694, R = 24.9886  
Ox = -4.79954, Oy 23.8483, R = 24.3265  
Ox = 12.0861, Oy 57.8165, R = 59.0662  
Ox = 6.49102, Oy -21.0375, R = 22.0161  
could not convert GenfitTrack to PndTrack

-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_2/PixeloMdkov1-NEW\_2/PixeloM

odo6x2\_5/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_2/PixeloMdkov1-NEW\_4/PixeloM  
odo6x2\_7/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_2/PixeloMdkov1-NEW\_3/PixeloM  
odo6x2\_6/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_2/PixeloMdkov1-NEW\_2/PixeloM  
odo6x2\_6/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_2/PixeloMdkov1-NEW\_1/PixeloM  
odo6x2\_5/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_2/PixeloMdkov1-NEW\_1/PixeloM  
odo6x2\_5/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1  
-E- Unassigned Layer:  
/cave\_1/MVD-1.0-2addDisks\_0/PixeloHshellov2\_2/PixeloMdkov1-NEW\_3/PixeloM  
odo6x2\_6/PixelActiveo6x2oPartAss\_1/PixelActiveo6x2\_1  
Found Tracks: 0 in event no. 1035

-----  
Ox = -10.3816, Oy -22.7114, R = 24.9717  
Ox = 1.94191, Oy 17.7162, R = 17.8223  
Ox = 42.6683, Oy -96.3986, R = 105.419  
Ox = 2.4728, Oy 17.9361, R = 18.1057  
Ox = 1.94191, Oy 17.7162, R = 17.8223  
Ox = 1.94191, Oy 17.7162, R = 17.8223  
Ox = 2.4728, Oy 17.9361, R = 18.1057  
Ox = 1.94191, Oy 17.7162, R = 17.8223  
Ox = 1.94191, Oy 17.7162, R = 17.8223  
Ox = 2.4728, Oy 17.9361, R = 18.1057  
Ox = 1.94191, Oy 17.7162, R = 17.8223  
Ox = 2.4728, Oy 17.9361, R = 18.1057  
Ox = 2.4728, Oy 17.9361, R = 18.1057  
Ox = 2.4728, Oy 17.9361, R = 18.1057  
Ox = 1.94191, Oy 17.7162, R = 17.8223  
Ox = 1.94191, Oy 17.7162, R = 17.8223  
Ox = 1.94191, Oy 17.7162, R = 17.8223  
Ox = 2.4728, Oy 17.9361, R = 18.1057  
Ox = 2.4728, Oy 17.9361, R = 18.1057  
Ox = 1.94191, Oy 17.7162, R = 17.8223  
Ox = 1.94191, Oy 17.7162, R = 17.8223  
Ox = 1.94191, Oy 17.7162, R = 17.8223  
Ox = -23.1911, Oy 16.283, R = 28.3366

Time used: 60.0 secs. Memory used: 44.9 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED

Ox = 3.02609, Oy 16.5807, R = 16.8546  
Ox = 3.02609, Oy 16.5807, R = 16.8546  
Ox = 3.02609, Oy 16.5807, R = 16.8546

Time used: 60.0 secs. Memory used: 40.8 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED

Ox = 19.0603, Oy -102.349, R = 104.109

Ox = 4.05661, Oy 17.3541, R = 17.8219  
Ox = 3.02609, Oy 16.5807, R = 16.8546  
Time used: 60.0 secs. Memory used: 38.7 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = 3.02609, Oy 16.5807, R = 16.8546  
Ox = 4.05661, Oy 17.3541, R = 17.8219  
Time used: 60.0 secs. Memory used: 46.4 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = 4.05661, Oy 17.3541, R = 17.8219  
Ox = 4.05661, Oy 17.3541, R = 17.8219  
Time used: 60.0 secs. Memory used: 44.5 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 40.9 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = 3.02609, Oy 16.5807, R = 16.8546  
Ox = 3.02609, Oy 16.5807, R = 16.8546  
Ox = 4.05661, Oy 17.3541, R = 17.8219  
Ox = 3.02609, Oy 16.5807, R = 16.8546  
Ox = 4.05661, Oy 17.3541, R = 17.8219  
Ox = 4.05661, Oy 17.3541, R = 17.8219  
Ox = 3.02609, Oy 16.5807, R = 16.8546  
Time used: 60.0 secs. Memory used: 46.7 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = 4.05661, Oy 17.3541, R = 17.8219  
Time used: 60.0 secs. Memory used: 48.1 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = 3.02609, Oy 16.5807, R = 16.8546  
Ox = 4.05661, Oy 17.3541, R = 17.8219  
Ox = 4.05661, Oy 17.3541, R = 17.8219  
Ox = 3.02609, Oy 16.5807, R = 16.8546  
Time used: 60.0 secs. Memory used: 48.0 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = 3.02609, Oy 16.5807, R = 16.8546  
Ox = 4.05661, Oy 17.3541, R = 17.8219  
Ox = 3.02609, Oy 16.5807, R = 16.8546  
Ox = 4.05661, Oy 17.3541, R = 17.8219  
Time used: 60.0 secs. Memory used: 51.6 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Time used: 60.0 secs. Memory used: 46.4 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = 4.05661, Oy 17.3541, R = 17.8219  
Time used: 60.0 secs. Memory used: 47.9 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = 4.05661, Oy 17.3541, R = 17.8219  
Time used: 60.0 secs. Memory used: 48.7 Mb.  
TIME LIMIT EXCEEDED; SEARCH TERMINATED  
Ox = 4.05661, Oy 17.3541, R = 17.8219  
Ox = 4.05661, Oy 17.3541, R = 17.8219

Also I have attached my reco macro here.  
Plz suggest me.

Thanks & Regards

## File Attachments

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1) [run\\_reco\\_sttnew.C](#), downloaded 301 times

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---

Subject: Re: About run time of new reco macro  
Posted by [Lia Lavezzi](#) on Tue, 16 Oct 2012 14:41:21 GMT  
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---

Hi Ajay,

apart from the computing time, please be aware that the code you are using for the track reconstruction is suited only for primary tracks, so in the lambda-lambdabar case it most likely will not give good results, if in your simulation the charged particles come from a displaced vertex (as they should). We are working on the secondary tracks pattern recognition, but it is not yet ready now.

Cheers,  
Lia.

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Subject: Re: About run time of new reco macro  
Posted by [Stefano Spataro](#) on Tue, 16 Oct 2012 15:42:15 GMT  
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---

The time issue was solved, you have to use the last trunk.  
About the MVD geometry messages, it means you are using the wrong geometry. Please use the standard macros in macro/run.

---

---

Subject: Re: About run time of new reco macro  
Posted by [Ajay Kumar](#) on Tue, 16 Oct 2012 18:34:43 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi Lia and Stefano,

Thankyou very much for your quick reply.

Same thing is happening while I am simulating eta\_c->phi phi  
chennal in one of my another system.

I have used the trunk version of pandaroot copied from the following:-  
svn co <https://subversion.gsi.de/fairroot/pandaroot/trunk> pandaroot

Is it latest trunk version?

Asking becoz there is onother one trunk version with some rivision X,that I could not copy from  
svn.somehow it says        svn: Syntax error in revision argument 'X'

svn co https://subversion.gsi.de/fairroot/pandaroot/trunk pandaroot -r X

About MVD geometry that I have to check again.

Regards

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Subject: Re: About run time of new reco macro  
Posted by [Stefano Spataro](#) on Tue, 16 Oct 2012 18:42:50 GMT  
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---

With your first command you download the latest.  
Please be sure to use the settings like macro/ru/xxx\_complete.C

---

---

Subject: Re: About run time of new reco macro  
Posted by [Ajay Kumar](#) on Mon, 27 May 2013 07:03:55 GMT  
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---

Dear Lia and Stefano,

I am getting same message with new Lambda disks geometry while reconstructing lambda-lambdabar channel. I have submitted job for 10000 events before 10 days ago, still it is running with this same message.  
I have used macro from macro/mvd/TimeOrderedSim/ as Tobias suggested to me. The order is like as:-

```
run_sim_sttcombi_evtgen.C
run_digi_sttcombi.C
run_reco_sttcombi.C
run_tracking_sttcombi.C
```

Can we do secondary tracks pattern recognition ?  
Am I taking the right macro to reconstruct this secondary decay Channel?

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Subject: Re: About run time of new reco macro  
Posted by [Lia Lavezzi](#) on Mon, 27 May 2013 09:19:42 GMT  
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---

Dear Ajay,

the work on the secondary track finder is still ongoing.  
You can find a very first version of the task in:  
<https://subversion.gsi.de/trac/fairroot/browser/pandaroot/trunk/tracking/TrkSecondary>. It is the PndTrkLegendreTask.cxx.

I did not test it on real events yet, I have just started testing it on single muon tracks stemming



from a vertex distant from the IP, to see how it works, which are the problems and how to tune the parameters.

Moreover I tested it only once with the Kalman filter following it and it was crashing (I still have to understand why).

If you want to try it, you can put these lines in the tracking macro instead of the ones calling the primary track finder:

```
PndTrkLegendreTask *secFind= new PndTrkLegendreTask();  
secFind->SearchSecondaryTracks();  
fRun->AddTask(secFind);
```

but please remember it is still a work in progress.

Cheers,  
Lia.

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Subject: Re: About run time of new reco macro  
Posted by [Stefano Spataro](#) on Mon, 27 May 2013 09:26:27 GMT  
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Hi,  
the good macros are the ones in macro/run, please update your code. For secondary tracking Lia has answered you.

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