
Subject: Re: Error during PndTpcElectronicsTask
Posted by [Felix Boehmer](#) on Mon, 20 Dec 2010 18:17:18 GMT
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Dear Stefano,

let's try to be a little more constructive. The "Symbol___G exception" hints towards an uncaught system signal, most likely a bad alloc. Memory load seems to be the most likely reason for these crashes.

In a nutshell: The only way to approach this problem is by scrutinizing some key questions, beginning with memory consumption. The people who have a setup configuration where this problem persistently appears could start by checking the time evolution of memory consumption (a couple of minutes and using simple tools like top should be fine) in different scenarios:

FairLinks in the chain
FairLinks commented out

In this way we can immediately learn if we have a memory leak (continuous growth) or rather one single "bad" event leading to catastrophic memory allocation, and how the presence of the FairLinks affects this - verifying or ruling out your idea that the TPC structure "fights" the FairLinks and that lead to non-linear growth of memory load. Per se, the presence of pointers as member variables shouldn't do ANY harm, since they are nothing more than one 32 (64) bit data block each.

I think this is the baseline homework that has to be done. Please try and let me know.

Cheers

Felix