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Subject: event registration

Posted by [Raphael Cervantes](#) on Tue, 12 Mar 2013 17:15:02 GMT

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Can someone help me understand how a detector in FairRoot registers an event? I need to understand what criterion a detector uses to registering events, e.g. if a detector registers a particle that just grazes the edge of it, or how much energy is required, etc...

I'm am currently looking at the Rutherford example. In line 71 of FairRutherford.cxx, it says " if ( gMC->IsTrackEntering() ) {". Where is the IsTrackEntering() method defined?

I hope my question makes sense. Let me know if I need to clarify anything.

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