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Subject: Re: Re-Mapping of SDS SensorIDs  
Posted by [Stefan Pflueger](#) on Tue, 21 Nov 2017 18:14:56 GMT  
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Hi Ralf,

yeah the global one-to-one mapping of active volume paths to a global sensorID is good and I don't want to change that. Basically I need to know in a "secure" manner, which sensor is fired based on the sensorID associated with the hit (so where this sensor is located in the setup). With secure I mean that it will always deliver the correct result. Atm I don't think this is possible, because the global sensorID (which is assigned to each active module) depends on the order you load the detector modules. The LMD has 400 active sensors atm. If I load that detector first I get assigned 0-399. If I load MVD first I get something like 500-899. How is it planned later on in the runtime? I believe every sub detector gets a unique ID and then each subdetector can assign its sensor ids as they wish, or not (as long as its one-to-one)? Therefore a mapping of the global sensorIDs to the actual sensorID scheme used later on would be necessary. Maybe I'm also missing something here...

Cheers,  
Stefan

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