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Subject: Re: DDG4 particle gun  
Posted by [sailer](#) on Wed, 16 Mar 2016 08:21:58 GMT  
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Hi Daniel,

For about a week now the geant4 particle gun and general particle source can be used inside dd4hep/ddsim.

It needs the head version of lcgeo and dd4hep (or the HEAD from a week ago...)

And then one can run with

```
ddsim --enableG4GPS --macroFile gps.mac --compactFile  
path/To/CompactFile.xml -O events.slcio
```

There is an example gps.mac file in lcgeo/example  
which produces a square source.

There is also a gun.mac in lcgeo/example.

But the geant4 macros from mokka should work more or less directly.

This should give you all the freedom you seek, right?

Cheers,  
Andre

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