
Subject: Re: A question on wired4
Posted by [NormanGraf](#) on Fri, 12 Oct 2007 16:46:33 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello HyunOk,

The z attribute of this heprep is not accessible from within Wired. However, you can access all of the geometric information about this detector element from the compact.xml file. Specifically:

```
<detector id="12" name="VertexEndcap" type="DiskTracker" reflect="true"
readout="VtxEndcapHits" combineHits="true" vis="VertexVis">
  <layer id="1" inner_r = "1.6*cm" inner_z = "7.6*cm" outer_r = "7.5*cm">
    <slice material = "Silicon" thickness = "0.002*cm" sensitive = "yes"/>
    <slice material = "Silicon" thickness = "0.0093*cm" />
  </layer>
  <layer id="2" inner_r = "1.6*cm" inner_z = "9.5*cm" outer_r = "7.5*cm">
    <slice material = "Silicon" thickness = "0.002*cm" sensitive = "yes"/>
    <slice material = "Silicon" thickness = "0.0093*cm" />
  </layer>
  <layer id="3" inner_r = "2.0*cm" inner_z = "12.5*cm" outer_r = "7.5*cm">
    <slice material = "Silicon" thickness = "0.002*cm" sensitive = "yes"/>
    <slice material = "Silicon" thickness = "0.0093*cm" />
  </layer>
  <layer id="4" inner_r = "2.0*cm" inner_z = "18.0*cm" outer_r = "7.5*cm" >
    <slice material = "Silicon" thickness = "0.002*cm" sensitive = "yes"/>
    <slice material = "Silicon" thickness = "0.0093*cm" />
  </layer>
</detector>
```

Norman
