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Taking advantage of the view navigator

Caspar J. Goch

dkfz.

GERMAN
CANCER RESEARCH CENTER
IN THE HELMHOLTZ ASSOCIATION



50 Years – Research for
A Life Without Cancer

Welcome
to the DKFZ!

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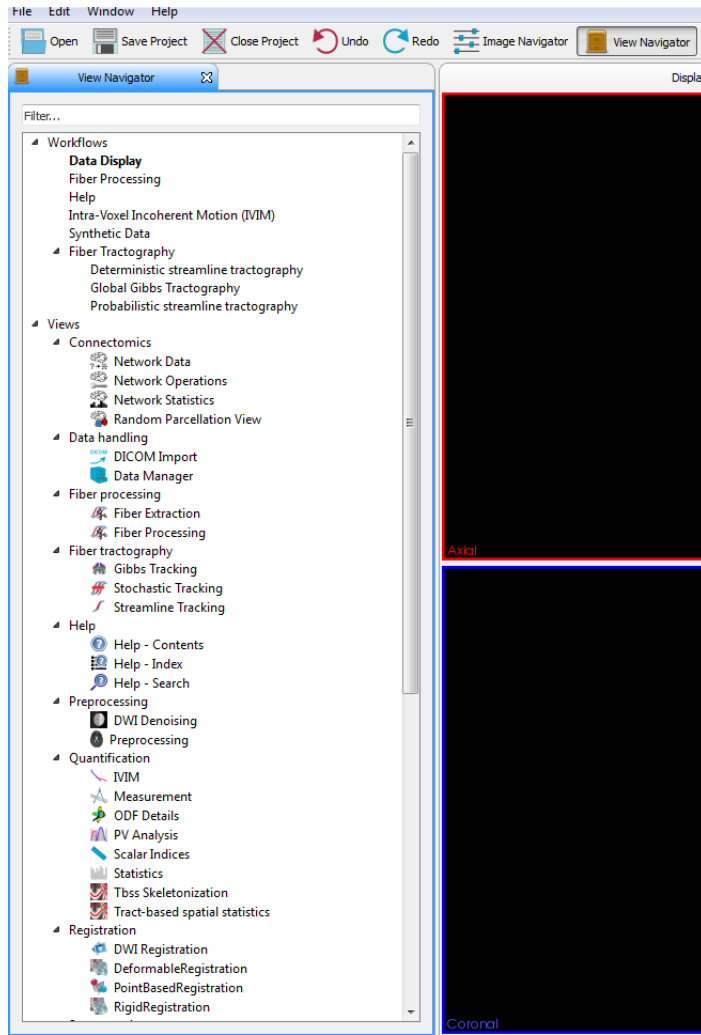
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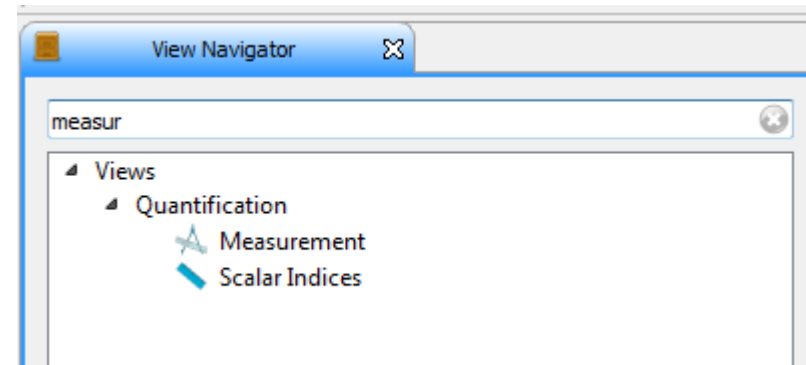


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What is the view navigator



- Easily navigate views and perspectives
- Searchable
- Categorizable



Tweaking your plugin xml

```
<keyword label="DICOM" id="org.mitk.views.diffusiondicomimport.Keyword"/>
<keyword label="image" id="org.mitk.views.diffusiondicomimport.Keyword"/>
<keyword label="data" id="org.mitk.views.diffusiondicomimport.Keyword"/>
<keyword label="load" id="org.mitk.views.diffusiondicomimport.Keyword"/>

<keyword label="signal" id="org.mitk.views.gballreconstruction.Keyword"/>
<keyword label="reconstruction" id="org.mitk.views.gballreconstruction.Keyword"/>
<keyword label="ball" id="org.mitk.views.gballreconstruction.Keyword"/>
<keyword label="diffusion" id="org.mitk.views.gballreconstruction.Keyword"/>
<keyword label="gball" id="org.mitk.views.gballreconstruction.Keyword"/>
<keyword label="q-ball" id="org.mitk.views.gballreconstruction.Keyword"/>
<keyword label="propagator" id="org.mitk.views.gballreconstruction.Keyword"/>
<keyword label="modeling" id="org.mitk.views.gballreconstruction.Keyword"/>

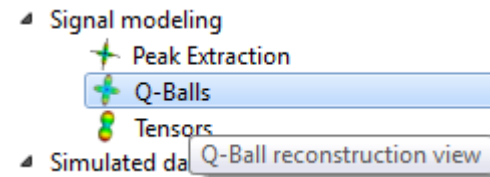
<keyword label="signal" id="org.mitk.views.tensorreconstruction.Keyword"/>
<keyword label="reconstruction" id="org.mitk.views.tensorreconstruction.Keyword"/>
<keyword label="tensor" id="org.mitk.views.tensorreconstruction.Keyword"/>
<keyword label="diffusion" id="org.mitk.views.tensorreconstruction.Keyword"/>
<keyword label="second order" id="org.mitk.views.tensorreconstruction.Keyword"/>
<keyword label="propagator" id="org.mitk.views.tensorreconstruction.Keyword"/>
<keyword label="modeling" id="org.mitk.views.tensorreconstruction.Keyword"/>
<keyword label="DTI" id="org.mitk.views.tensorreconstruction.Keyword"/>

<keyword label="tractography" id="org.mitk.views.gibbstracking.Keyword"/>
<keyword label="tracking" id="org.mitk.views.gibbstracking.Keyword"/>
<keyword label="fiber" id="org.mitk.views.gibbstracking.Keyword"/>
<keyword label="global" id="org.mitk.views.gibbstracking.Keyword"/>
<keyword label="gibbs" id="org.mitk.views.gibbstracking.Keyword"/>
<keyword label="diffusion" id="org.mitk.views.gibbstracking.Keyword"/>

<keyword label="tractography" id="org.mitk.views.streamlinetracking.Keyword"/>
<keyword label="tracking" id="org.mitk.views.streamlinetracking.Keyword"/>
<keyword label="fiber" id="org.mitk.views.streamlinetracking.Keyword"/>
<keyword label="deterministic" id="org.mitk.views.streamlinetracking.Keyword"/>
<keyword label="streamline" id="org.mitk.views.streamlinetracking.Keyword"/>
<keyword label="tend" id="org.mitk.views.streamlinetracking.Keyword"/>
<keyword label="tensorline" id="org.mitk.views.streamlinetracking.Keyword"/>
<keyword label="tensorlines" id="org.mitk.views.streamlinetracking.Keyword"/>
<keyword label="multi" id="org.mitk.views.streamlinetracking.Keyword"/>
<keyword label="tensor" id="org.mitk.views.streamlinetracking.Keyword"/>
<keyword label="dti" id="org.mitk.views.streamlinetracking.Keyword"/>
<keyword label="diffusion" id="org.mitk.views.streamlinetracking.Keyword"/>
```

- In plugin xml
 - Define keywords
 - Add keywords to view
 - Add descriptions
 - Add categories

```
<view id="org.mitk.views.gballreconstruction"
name="Q-Balls"
category="Signal modeling"
icon="resources/gball.png"
class="OmitkQBallReconstructionView">
<description>Q-Ball reconstruction view</description>
<keywordReference id="org.mitk.views.gballreconstruction.Keyword"/>
</view>
```



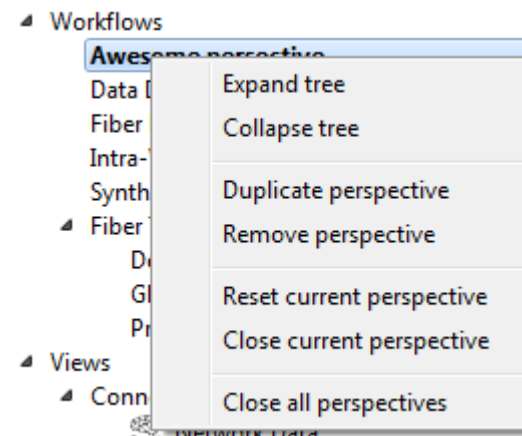
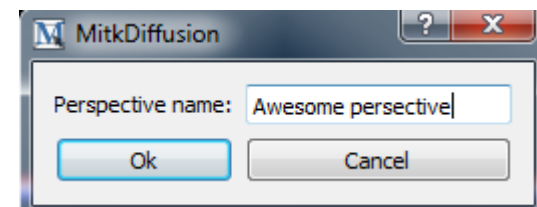
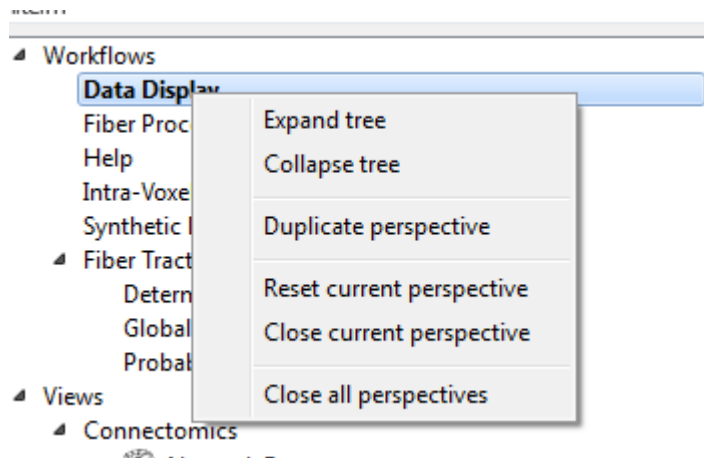
Tweaking your plugin xml

Same goes for perspectives

```
<perspective id="org.mitk.perspectives.tractography2"  
name="Deterministic streamline tractography"  
category="Fiber Tractography"  
class="QmitkStreamlineTractographyPerspective"  
icon="resources/tractography.png">  
<keywordReference id="org.mitk.perspectives.tractography2.Keyword"/>  
</perspective>
```

Fancy stuff concerning perspectives

- Users can define own perspectives
- Reset is derived from copied perspective
- Persistent



A photograph of the German Cancer Research Center (DKFZ) building, a modern multi-story structure with a central glass tower and balconies. In the foreground, there is a paved courtyard with several water fountains and yellow benches. The sky is blue with some clouds.

Thank you
for your attention!

Further information on www.dkfz.de

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