

3d Brain Atlas Reconstructor on-line service

Service methods:

getReconstruction

Returns a model of a given structure from selected dataset as a zip file containing the reconstruction and short description.

Available datasets:

- sba_WHS10 : http://212.87.16.231:8080/getCafInfo?cafDatasetName=sba_WHS10
- whs_0.51 : http://212.87.16.231:8080/getCafInfo?cafDatasetName=whs_0.51

syntax

```
getReconstruction?cafDatasetName=<dataset name>  
                ;structureName=<structure name>  
                [;qualityPreset=(low|medium|high) ]  
                [;outputFormat=(vrml|x3d) ]
```

Required arguments

cafDatasetName

The name of the selected CAF dataset. The list of available CAF datasets is located at the end of this page.

structureName

Name of structure from hierarchy tree. In practice nearly all names should be fine but formally name has to point to a root node of a subtree containing at least one node that has a representation among paths in CAF slides.

Optional arguments

qualityPreset

Sets predefined quality preset, possible values are 'low', 'medium' and 'high' the default value is 'low'

outputFormat

Defines format of the reconstruction. Possible formats are 'vrml' and 'x3d' with the default value 'vrml'.

Examples

- http://212.87.16.231:8080/getReconstruction?cafDatasetName=whs_0.51;structureName=thalamus
- http://212.87.16.231:8080/getReconstruction?cafDatasetName=whs_0.51;structureName=thalamus;qualityPreset=high