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=hi