3d Brain Atlas Reconstructor on-line service

Available services

getCafInfo

Returns the index file of selected CAF dataset. Index file contains list of structures available for reconstruction, their hierarchy and list of slides within given dataset.

syntax
```
getCafInfo?cafDatasetName=<name>
          [;listStructures=(True|False)]
          [;listHierarchy=(True|False)]
          [;listSlides=(True|False)]
```

Examples

- http://212.87.16.231:8080/getCafInfo?cafDatasetName=whs_0.51
- http://212.87.16.231:8080/getCafInfo?cafDatasetName=whs_0.51;listSlides=False;listStructures=False

getReconstruction

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

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

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

getThumbnail

Returns a thumbnail of the reconstruction of a given structure available via getReconstruction in png format.

syntax
```
getThumbnail?cafDatasetName=<dataset name>
            ;structureName=<structure name>
```

Examples

- http://212.87.16.231:8080/getThumbnail?cafDatasetName=whs_0.51;structureName=thalamus

getCafSlide

Returns a SVG image with CAF slide filtered by provided settings.

syntax

```
getCafSlide?cafDatasetName=<dataset name>
          ;slideNumber=<slide number>
          [;structureList=[<structure #1>[,<structure #2>[...]]]]
          [;showLabels=(True|False)]
          [;showMask=(True|False)]
```

Examples

- http://212.87.16.231:8080/getCafSlide?cafDatasetName=whs_0.51;slideNumber=460
- http://212.87.16.231:8080/getCafSlide?cafDatasetName=whs_0.51;slideNumber=460;showMask=True;showLabels=
- http://212.87.16.231:8080/getCafSlide?cafDatasetName=whs_0.51;slideNumber=460;showLabels=False