

# 3d Brain Atlas Reconstructor on-line service

## Service methods:

### 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) ]
```

### 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) ]
```

### 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>
```

### 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) ]
```