

# 3d Brain Atlas Reconstructor on-line service

## getReconstruction

Return 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|high)]  
                [;outputFormat=(vrm|niftii)]
```

## Required arguments

cafDatasetName

The service identifier of the selected CAF dataset.

structureName

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

## Optional arguments

qualityPreset

Sets predefined quality preset. Possible values are 'low' and 'high', the default value is 'low'.

outputFormat

Defines format of the reconstruction. Possible values are 'vrm|' and 'niftii', the default value is 'vrm|'.

## Examples

- [http://service.3dbar.org/getReconstruction?cafDatasetName=whs\\_0.51;structureName=thalamus](http://service.3dbar.org/getReconstruction?cafDatasetName=whs_0.51;structureName=thalamus)
- [http://service.3dbar.org/getReconstruction?cafDatasetName=whs\\_0.51;structureName=thalamus;qualityPreset=high](http://service.3dbar.org/getReconstruction?cafDatasetName=whs_0.51;structureName=thalamus;qualityPreset=high)