

# 3d Brain Atlas Reconstructor

Software dedicated to automatic generation of 3D models of brain structures.

Don't know where to go? Start here: [Browser-based interface](#)

## Standalone software

- [Software overview](#)
- [Download and installation](#)
- [User Guide](#)
- [Sample reconstructions](#)

## Web service

- [Browser-based interface](#)
- [Tutorials and howtos](#)
- [Full syntax of the services](#)

## Updates

### Summary

- August 2012:
  - ◆ New atlas available: [The Allen Mouse Brain Reference Atlas, 2011 Segmentation](#)
- May 2012:
  - ◆ New dataset available: [Human - Brodmann 05 mapped onto the Conte69 \(2012\)](#).
  - ◆ Updated [screencasts](#).
- March 2012: Major update of the browser-based service:
  - ◆ Possibility of performing and managing custom reconstructions (registration required),
  - ◆ Slide browser ([see example](#)),
  - ◆ Labeled Nifti volume and atlas package available for every atlas,
  - ◆ Improved navigation,
  - ◆ [Tutorials and user guide](#) coming soon...
- December 2011: CAF dataset for [The Waxholm Space](#), delineation 0.6.1 available, [see the live preview](#).
- See the [full list of updates](#)

Please send feedback to [Piotr Majka](#).

3d Brain Atlas Reconstructor is created by [Piotr Majka](#), Jakub Kowalski in [Laboratory of Neuroinformatics at Nencki Institute of Experimental Biology](#) under supervision of [Daniel Wójcik](#). Project is supported by an infrastructural grant from the Polish Ministry of Regional Development POIG.02.03.00-00-003/09.

