

Supplementary material

Web page <http://www.3dbar.org/wiki/barServiceSupplement> contains the most recent versions of supplementary materials for the article:

(...)

ABSTRACT

(...)

Following supplementary materials are available:

1. Documentation of the Application Programming Interface (API)
2. Tutorials:
 - ◆ How to access the Custom Reconstruction Wizard?
 - ◆ How to use labeled volumes available at 3dBAR on-line service website?
3. Screencasts:
 - ◆ A whole playlist:
 - ◆ Selecting an atlas,
 - ◆ Displaying atlas details,
 - ◆ Switching the atlas,
 - ◆ Browsing atlas slides,
 - ◆ 3D model preview,
 - ◆ Browsing reconstructed models,
 - ◆ Requesting a custom reconstruction,
 - ◆ Using the user panel,
 - ◆ Other features of 3D model preview,
 - ◆ Requesting a composite custom reconstruction.
4. Troubleshooting

Reproducing results from the article

Figure 2

Reproducing Figure 2:
Labeled volume of Macaque's brain
(Bowden et. al. 2003) loaded into
ITK-SNAP (Yushkevich et. al. (2006).

Figure 3

Reproducing Figure 3:
Models of structures from the Allen Mouse
Brain Reference Atlas
(<http://mouse.brain-map.org/>):

- brain stem,
- cerebellum,
- cerebral nuclei,
- cerebral cortex.

Figure 4

The output from the
Custom
Reconstruction Wizard
according
to settings from Figure
4:

- VRML scene,
- PNG image,
- reconstruction
job tracking
page.