

List of software we recommend to use with 3dBAR service data

File format	Recommended software
CAF	<u>3dBAR</u>
NIfTI	<ul style="list-style-type: none"> • <u>ParaView</u> v. 3.14.1, • <u>ITK-SNAP</u>, • <u>BioImage Suite</u>, • <u>3D Slicer</u>
NumPy array	<u>NumPy</u>
PNG	<ul style="list-style-type: none"> • <u>Gimp</u>, • <u>Inkscape</u>, • <u>ParaView</u>, • <u>3D Slicer</u>
STL (STereoLithography)	<ul style="list-style-type: none"> • <u>ParaView</u>, • <u>Blender</u>, • <u>3D Slicer</u>
SVG	<ul style="list-style-type: none"> • <u>Inkscape</u>, • <u>Blender</u>
VRML	<ul style="list-style-type: none"> • <u>ParaView</u>, • <u>Blender</u>
VTK polydata	<ul style="list-style-type: none"> • <u>ParaView</u>, • <u>3D Slicer</u>
VTK structured grid	<ul style="list-style-type: none"> • <u>ParaView</u> v. 3.14.1, • <u>ITK-SNAP</u>, • <u>BioImage Suite</u>, • <u>3D Slicer</u>
X3D	<u>Blender</u>
Software	Suitable file formats
<u>3dBAR</u>	CAF

ParaView

- STL
(STereoLithography),
- VRML,
- VTK polydata,
- VTK structured
grid,
- NifTI,
- PNG

Blender

- STL
(STereoLithography),
- VRML,
- X3D,
- SVG

3D
Slicer

- NifTI,
- STL
(STereoLithography),
- VTK structured
grid,
- VTK polydata,
- PNG

BioImage
Suite

- NifTI,
- VTK structured
grid

ITK-SNAP

- NifTI,
- VTK structured
grid

NumPy
array

Inkscape

- SVG,
- PNG

Gimp

PNG