

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

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

File format

Recommended software

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