

# 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><li>• PNG</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><li>• PNG</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> <li>• <u>Inkscape</u>,</li> <li>• <u>ParaView</u>,</li> <li>• <u>3D Slicer</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	<ul style="list-style-type: none"> <li>• <u>Inkscape</u>,</li> <li>• <u>Blender</u></li> </ul>
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>