

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

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