

# 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"> <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<br>(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<br>polydata            | <ul style="list-style-type: none"> <li>• <u>ParaView</u>,</li> <li>• <u>3D Slicer</u></li> </ul>   |
| VTK<br>structured<br>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>   |
| 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