

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">• NifTI,• STL (STereoLithography),• VTK structured grid,• VTK polydata |
| <u>BioImage Suite</u> | <ul style="list-style-type: none">• NifTI,• VTK structured grid |
| <u>ITK-SNAP</u> | <ul style="list-style-type: none">• NifTI,• VTK structured grid |
| <u>ParaView</u> | <ul style="list-style-type: none">• STL (STereoLithography),• VRML,• VTK polydata,• VTK structured grid,• NifTI |
| <u>Blender</u> | <ul style="list-style-type: none">• STL (STereoLithography),• VRML,• X3D,• SVG |
| <u>NumPy</u> | NumPy array |
| <u>Inkscape</u> | <ul style="list-style-type: none">• SVG,• PNG |
| <u>Gimp</u> | PNG |

| 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> |
| STL (STereoLithography) | <ul style="list-style-type: none"> • <u>ParaView</u>, • <u>Blender</u>, • <u>3D Slicer</u> |
| SVG | <u>Inkscape</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> |