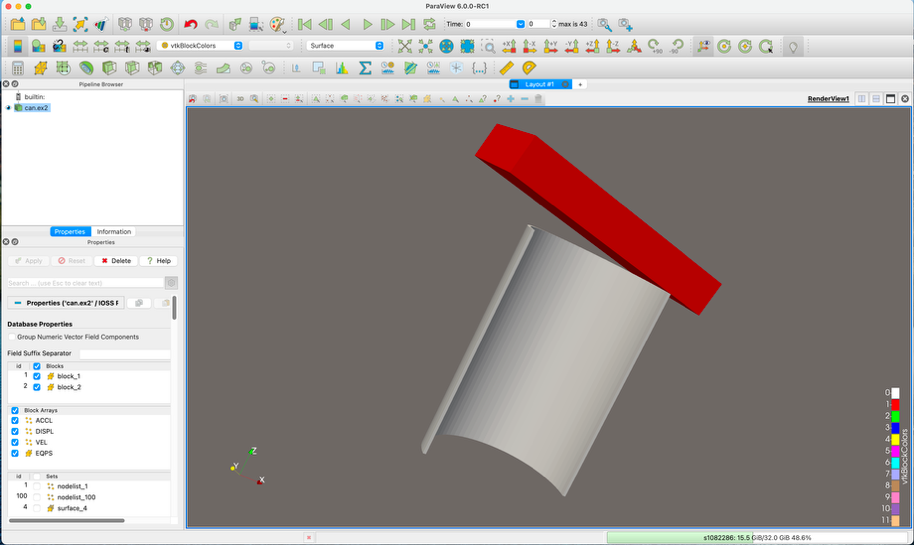
A group of red blue and green stripes

Description automatically generatedParaView Getting Started Guide

**6**

**1**

**2**



**4**

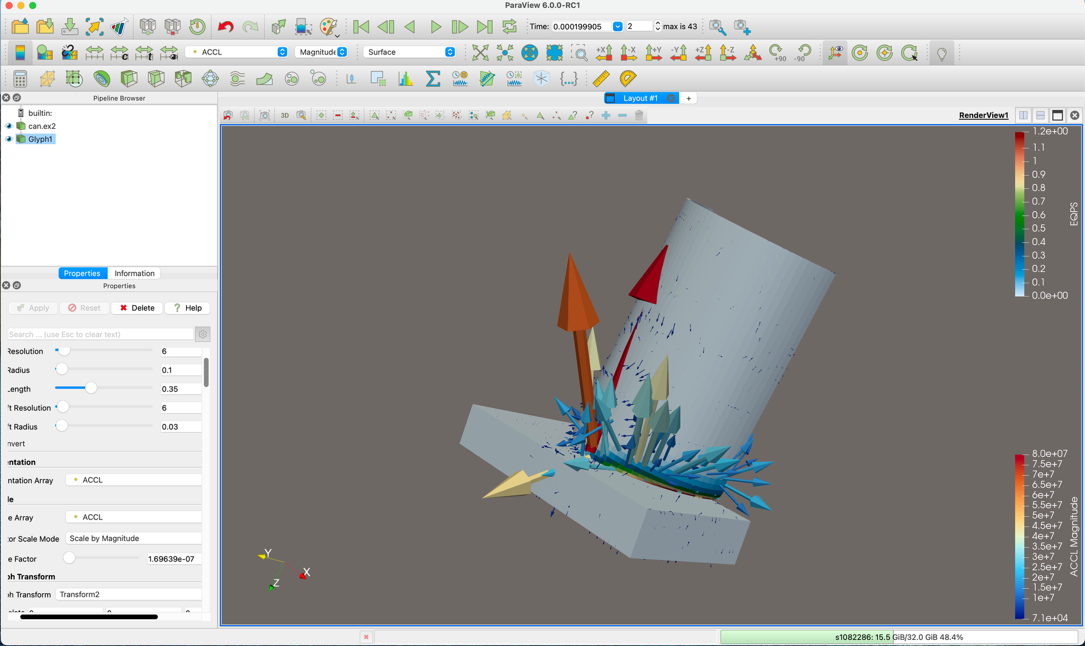
**3**

**5**

**b**

**a**

|  |  |  |
| --- | --- | --- |
| **1** | **Reset Session** At any time, click  to reset ParaView to its initial state when the program is first started.  The **Undo** and **Redo** buttons  are also available to undo/redo individual changes. | |
| **2** | **Open File**  Click the folder icon  or choose **File -> Open**. From the **Examples** directory, open the file **can.ex2**. Doing so creates a **file reader** in the **Pipeline Browser**. |  |
| **3** | **Select Data Variables**  Before the data are loaded, you can choose which blocks and variables to load in the **Properties** panel (lower left, ParaView window). Click the checkbox next to **Block Arrays** to load all variables. Note: many controls in ParaView are located in this panel. |  |
| **4** | **Apply Data**  Click the **Apply** button to load the data. If you change any file reader properties, click **Apply** to update the visualization. |  |
| **5** | **Interact with 3D View**  **a.** Click the left mouse button and drag to rotate, the middle mouse button to translate, and the scroll wheel or right mouse button to zoom. For one- or two-button mice, hold down Shift and Control keys while clicking and dragging to tilt, translate, and zoom.  **b.** To re-center the data in the view, click . |  |
| **6** | **Animate the Data**  Press the play button and watch the can get crushed. Other buttons enable moving to different timesteps. |  |



**8**

**7**

**b**

**a**

|  |  |  |
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| **7** | **Apply a Color Map to a Variable**  Click on the drop-down menu in the variables toolbarand select the **EQPS** variable. |  |
| **8** | **Add Vector Glyphs**  **a.** Ensure **can.ex2** is selected in the **Pipeline Browser**.Click the **Glyph** filter icon  in the toolbar to add a **filter** to the pipeline that will add arrow glyphs to the visualization.  **b.** In the **Properties** panel, choose **ACCL** from the **Orientation Array** menu. Change the **Scale Array** to **ACCL**. Set the **Scale Factor** to 2E-7 to scale the arrow glyphs to a reasonable size­­. Click **Apply** to update the visualization. Use the variables toolbarto color the glyphs by **ACCL** (see previous step). |  |
|  | **Save Screenshot**  Save an image for presentation or publication by choosing the capture screenshot  icon in the view toolbar. |  |
|  | **Get Additional Help**  Additional resources for learning about **ParaView** are available in the **Help** menu. | * [**ParaView Guide**](https://docs.paraview.org/) – comprehensive user guide for ParaView * **Reader, Filter, and Writer Reference** – help built into ParaView covering different components * [**Online Tutorials**](https://www.paraview.org/tutorials/) – in-depth tutorials for ParaView * [**Online Blogs**](https://www.kitware.com/tag/ParaView/) – informative blog posts on new features in ParaView |