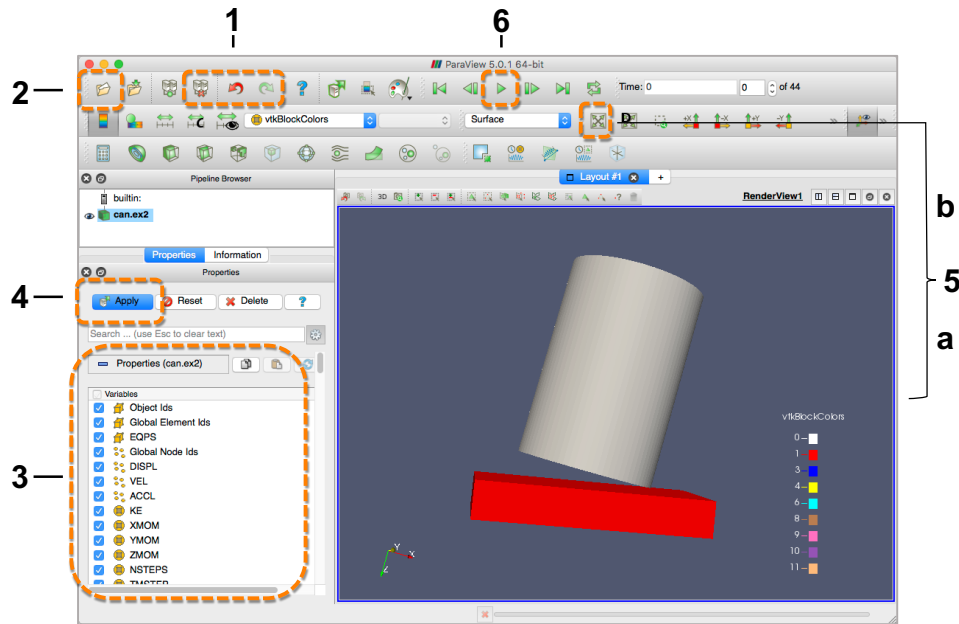







ParaView Getting Started Guide

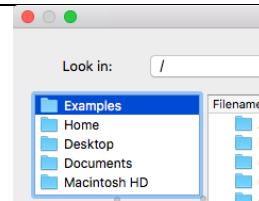


Reset Session

- 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.

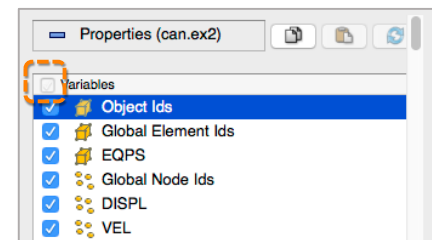
Open File

- Click the folder icon  or choose **File -> Open**. Open the file **can.ex2** from the **Examples** directory. Doing so creates a **file reader** in the **Pipeline Browser**.



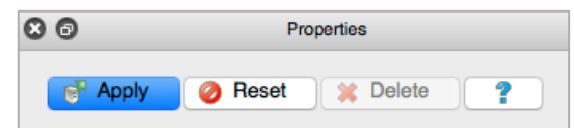
Select Data Variables

- Before the data are loaded, you can choose which variables to load in the **Properties** panel. Click the checkboxes on the left to select variables that will be loaded or click the checkbox next to **Variables** to select all variables. Other properties can also be changed in this panel as well.




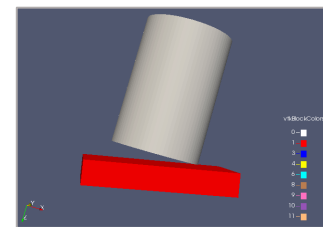
Apply Data

- Click the **Apply** button to load the data. If you change any file reader properties, click **Apply** to update the visualization.



Interact with 3D View

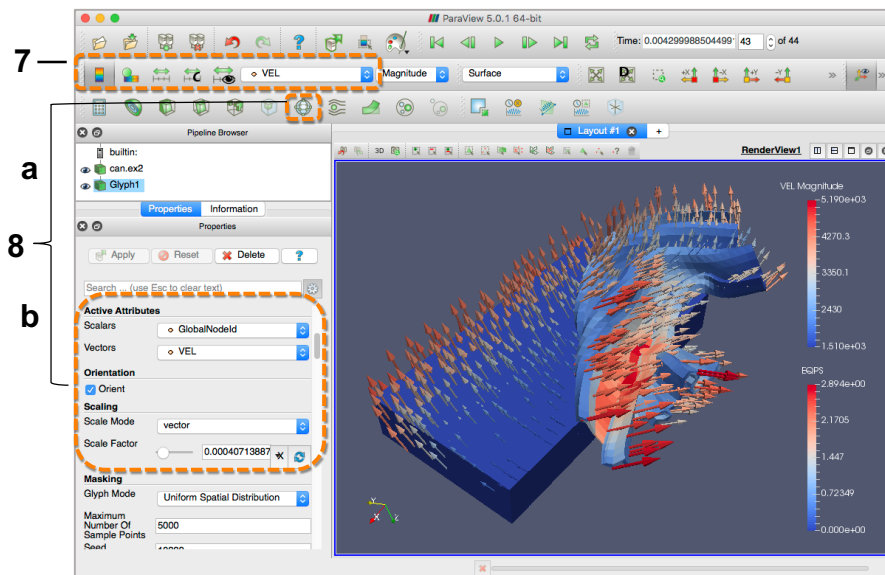
- Click the left mouse button and drag to rotate, the middle mouse button to translate, and the scroll wheel or right mouse button to zoom. For one- or two-button mice, hold down Shift and Control keys while clicking and dragging to tilt, translate, and zoom.
 - To re-center the data in the view, click .



Animate the Data

- Press the play button and watch the can get crushed. Other buttons enable moving to different timesteps.





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Apply a Color Map to a Variable


Click on the drop-down menu in the **Active Variables Controls** toolbar and select the **EQPS** variable.

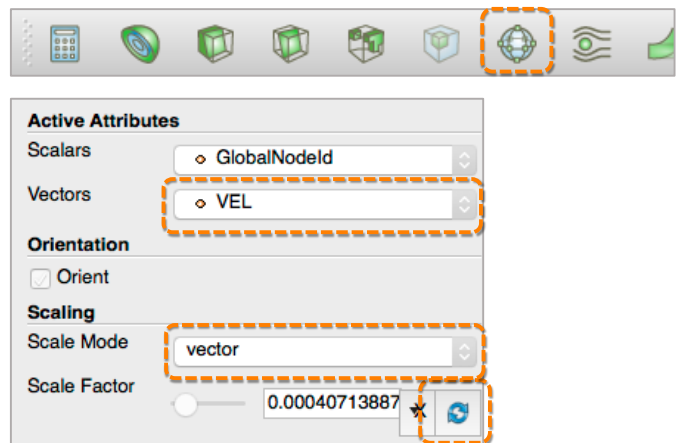


Add Vector Glyphs

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.

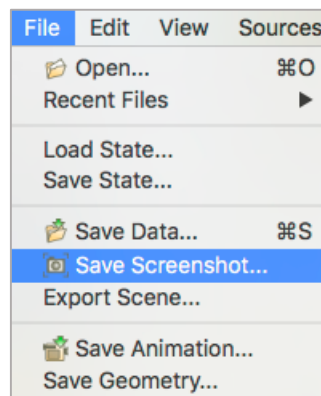
8

b. In the **Properties** panel under **Active Attributes**, choose **VEL** from the **Vectors** property menu. Change the **Scale Mode** to **vector**. Click  to rescale the vectors to an appropriate length. Click **Apply** to update the visualization. Use the **Active Variables Controls** to color the glyphs by **VEL**.



Save Screenshot

Save an image for presentation or publication by choosing **File -> Save Screenshot...**



Get Additional Help

Additional resources for learning about **ParaView** are available in the **Help** menu.

- [ParaView Guide](#) – comprehensive user guide for ParaView
- **Help** – online help for file readers and filters
- [Online Tutorials](#) – in-depth tutorials for ParaView
- [Online Blogs](#) – informative blog posts on new features in ParaView