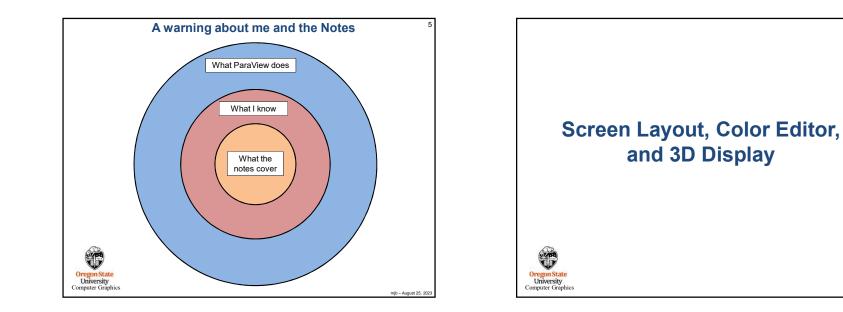
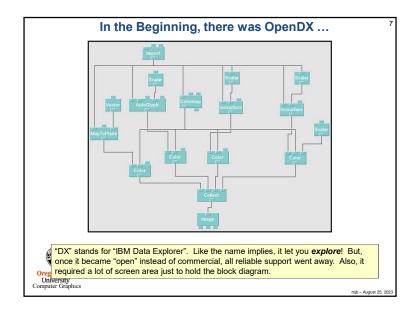
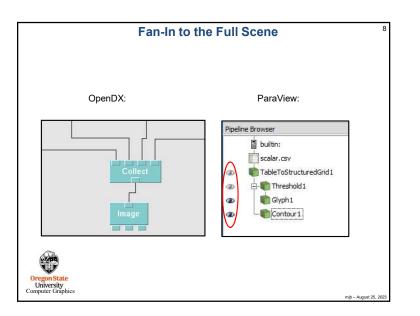
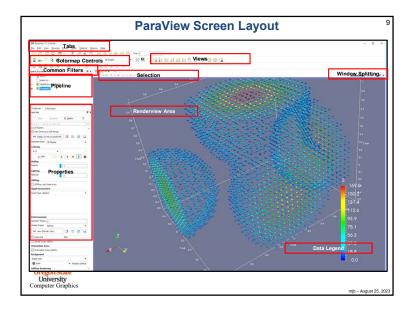


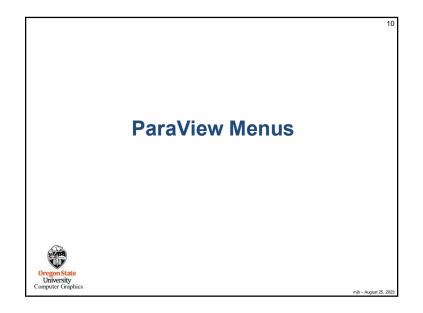
mjb – August 25, 2023

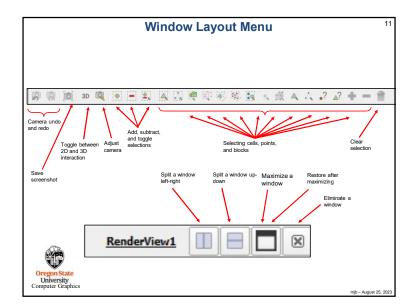








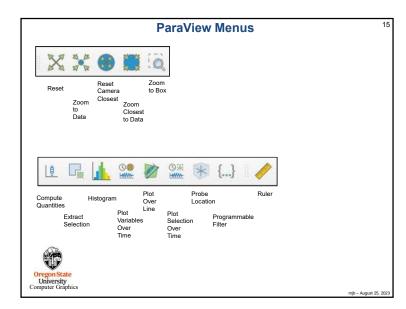




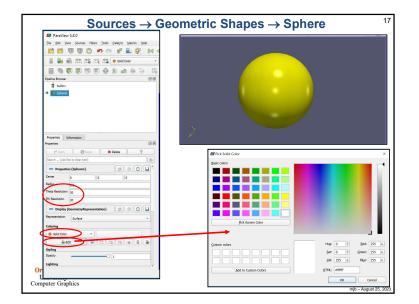
Calculator Clip Threshold Glyph Warp by Vector Extract Level Slice Extract Subset Stream Tracer Group Datasets	Calculator Clip Threshold Glyph Warp by Vector Extract Level Contour Slice Extract Subset Stream Tracer Group Datasets Some will be activated and some will be greyed-out, depending on what	Commonly-used Filters Menu				
Contour Slice Extract Subset Stream Tracer Group Datasets	Contour Slice Extract Subset Stream Tracer Group Datasets					
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ParaView Menus	13
Animation Controls	
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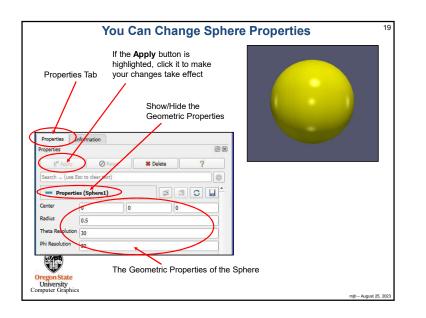
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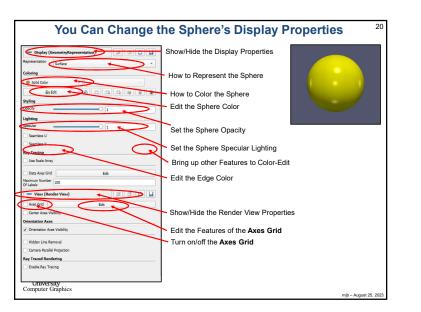


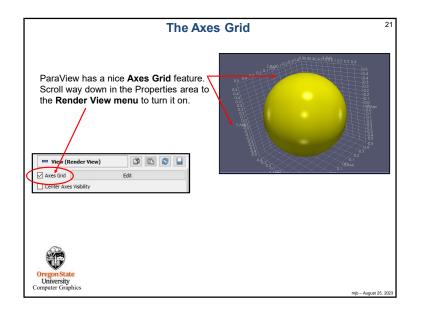


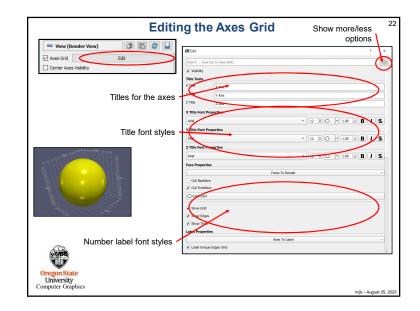


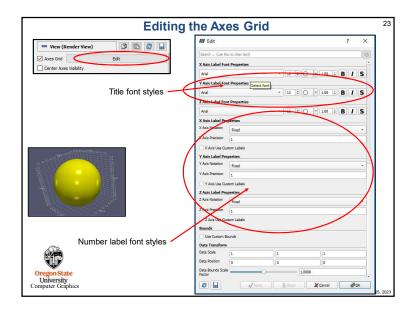
		3D S	cene Manipula	ation	
				nese are the 3D Scene № use wheel, which is also	
		(Yo	u can change these in the	e Edit -> Settings -> Ca	mera menu)
3D Int	eraction Option		u can change these in the	e Edit → Settings → Ca	amera menu)
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Came	ra3 DManipulate	is ors: Select hov	v interactions are mapped to	camera movements when in	1 3D
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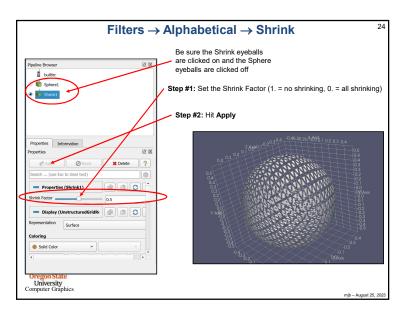


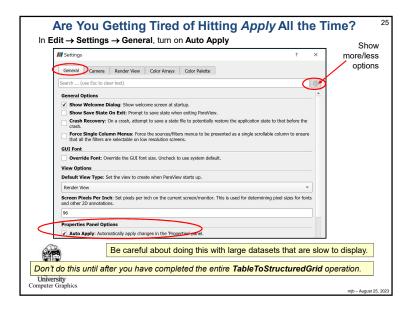


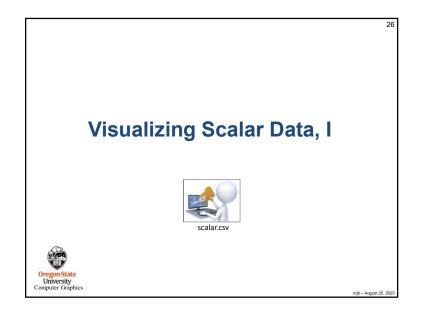




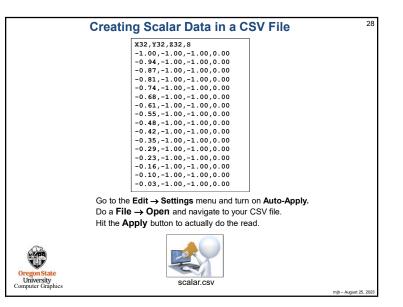


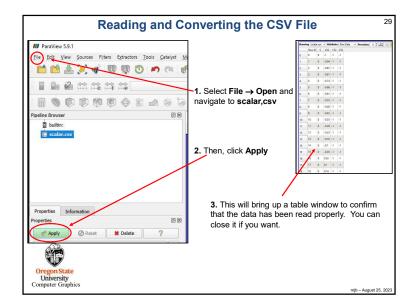


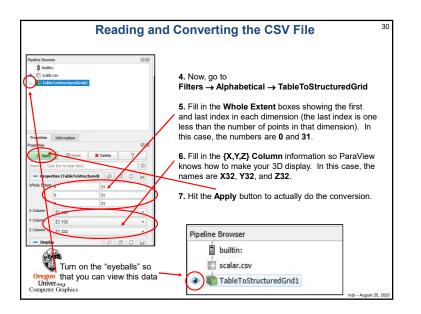


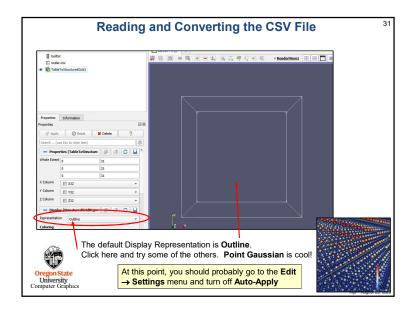


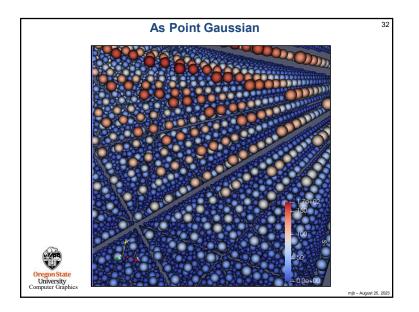
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DEM	DICOM	ENZO AMR Particles	EnSight
Enzo	ExodusIIReader	FLASH AMR Particles	FacetReader
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JPEG Series	LSDynaReader	Legacy VTK	MFIXReader
MRC Series	Meta File Series	NetCDF	Nrrd
OpenFOAMReader	PDB	PLOT3D	PLY
PNG Series	PTS	PVD	Particles
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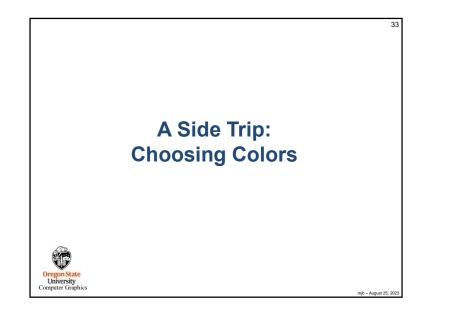


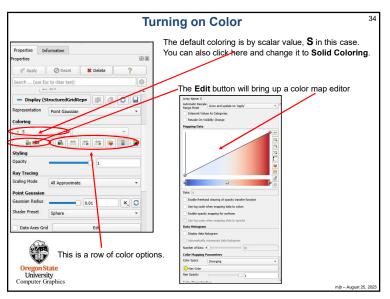


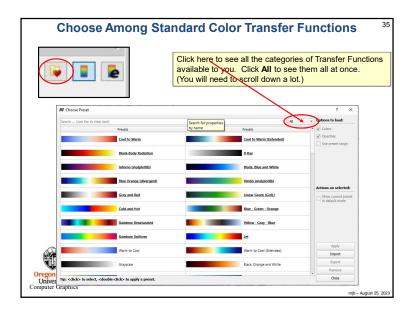


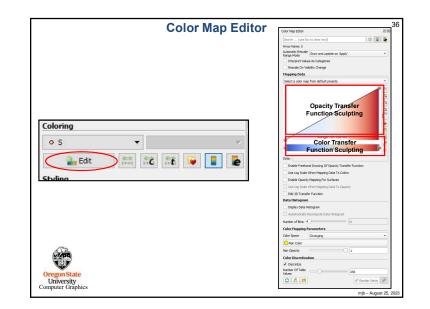


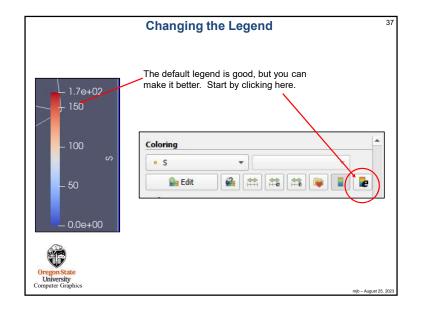


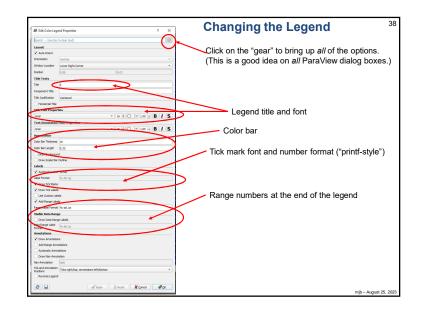


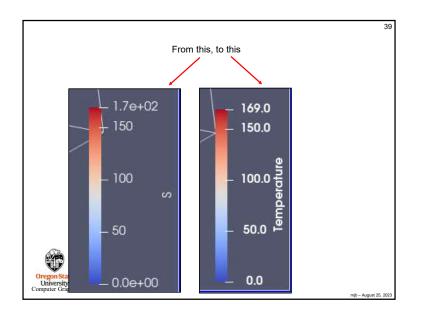


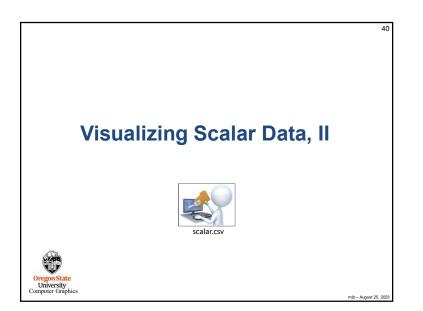


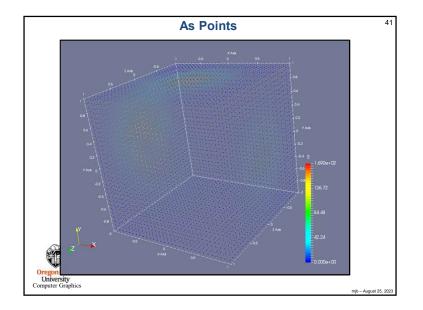


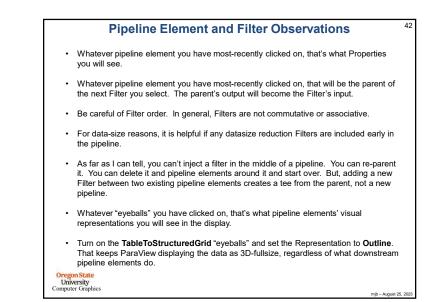


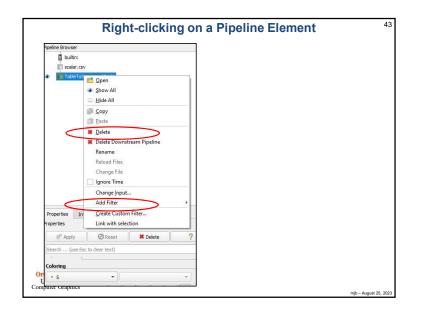


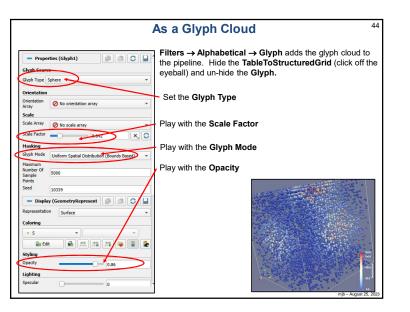


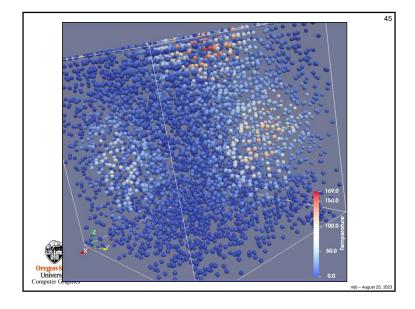


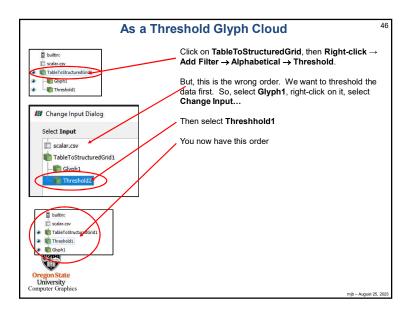


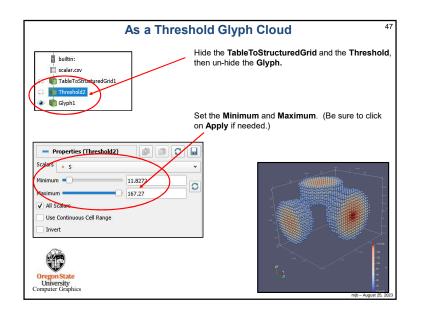


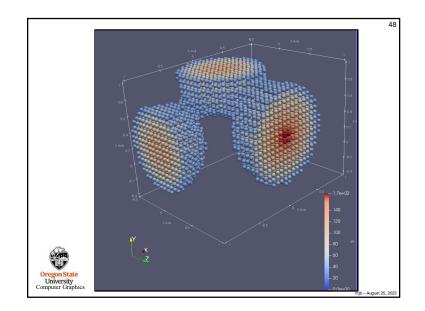


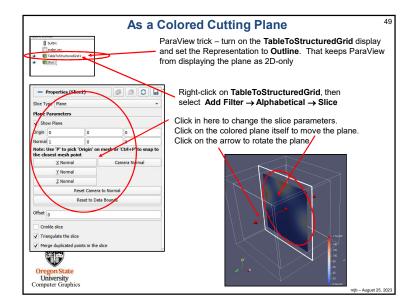


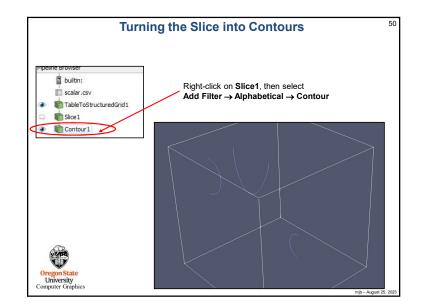


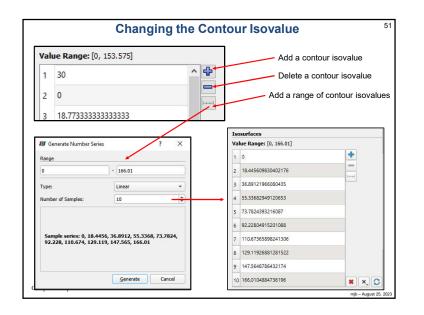


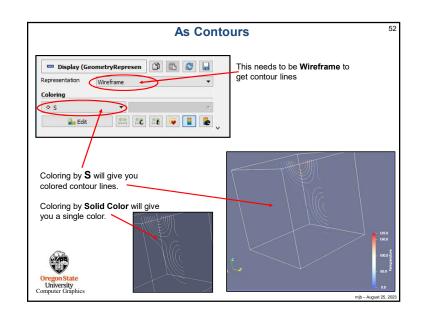


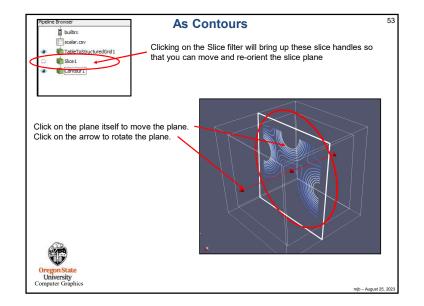


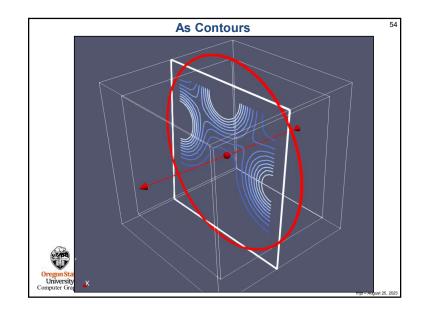


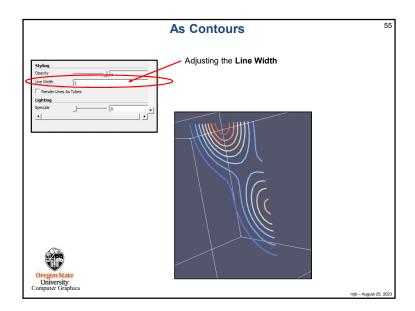


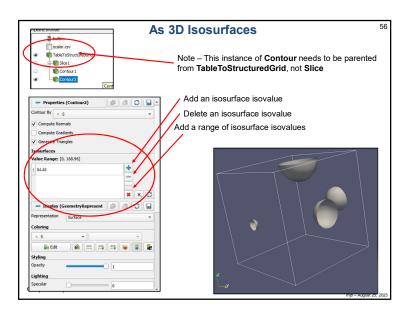


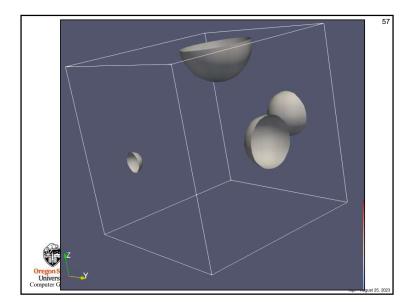


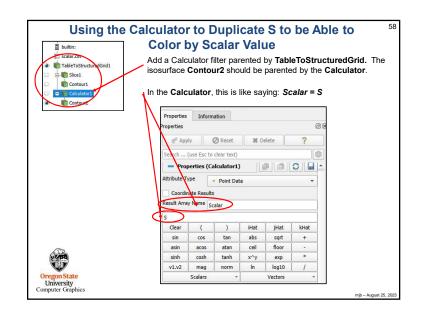


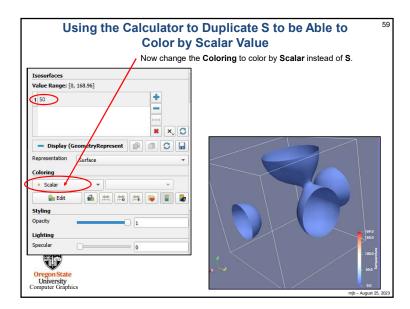


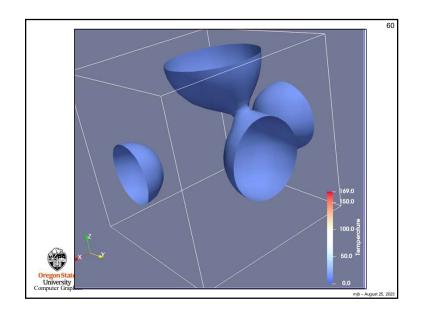


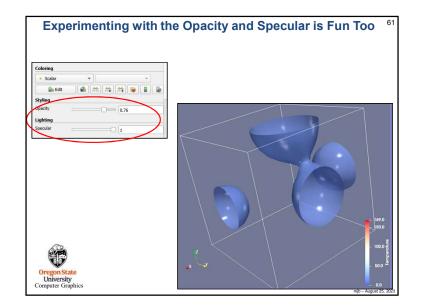


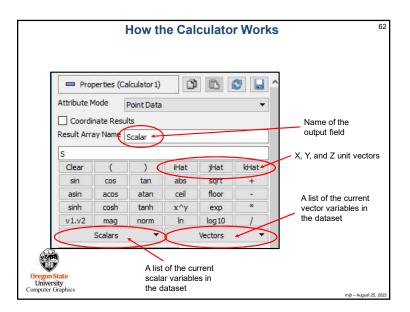


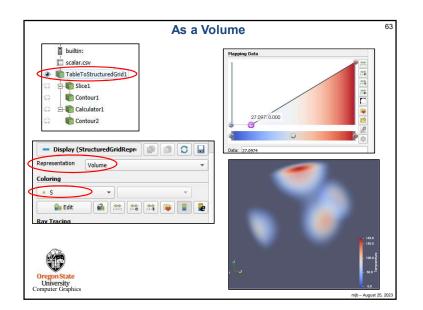


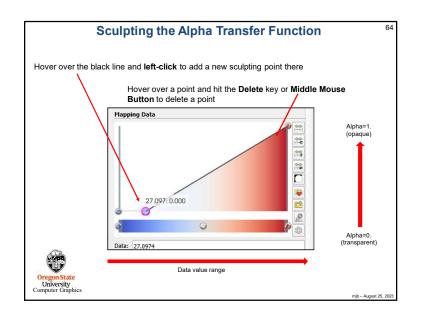


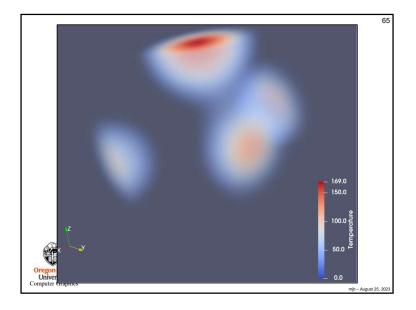


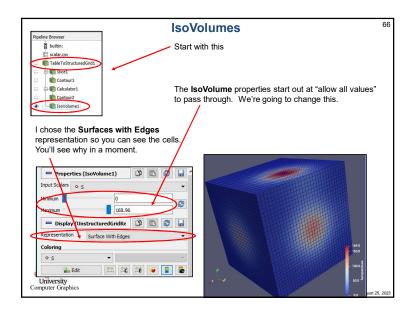


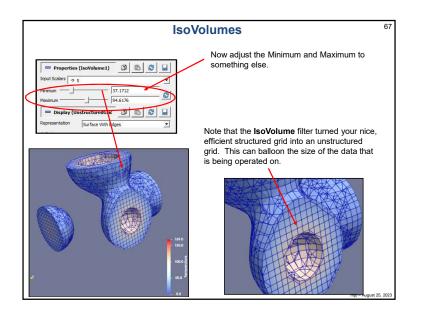


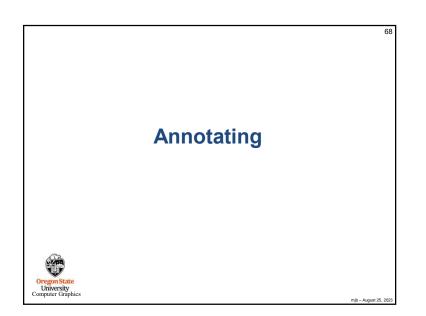


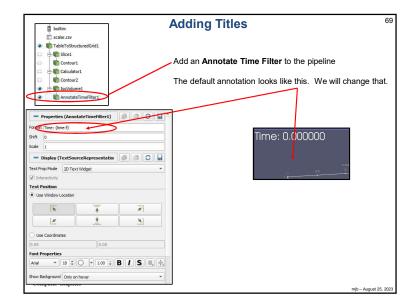


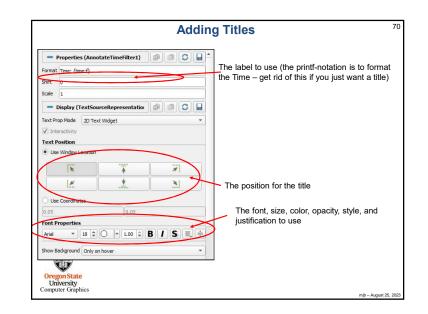


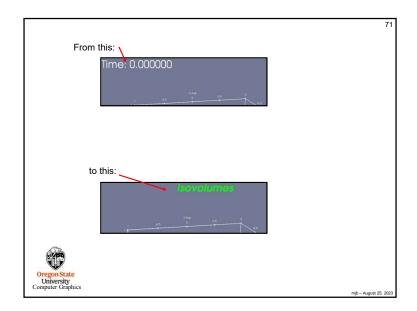


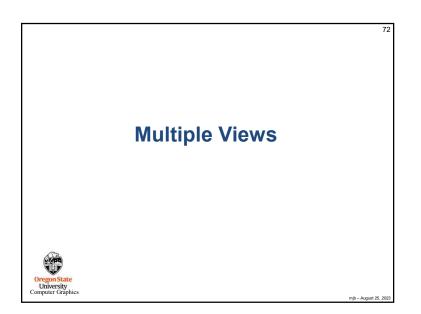


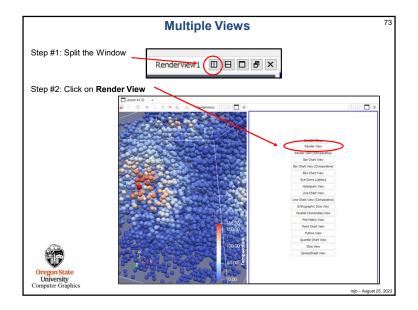


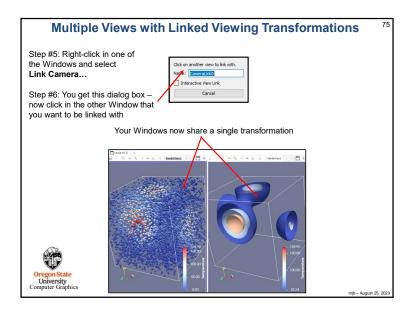


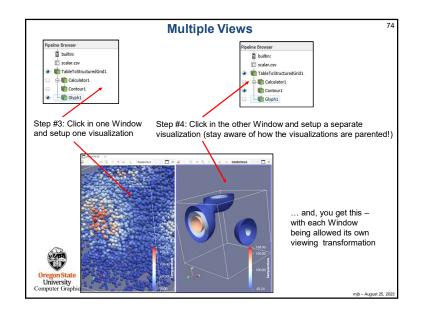


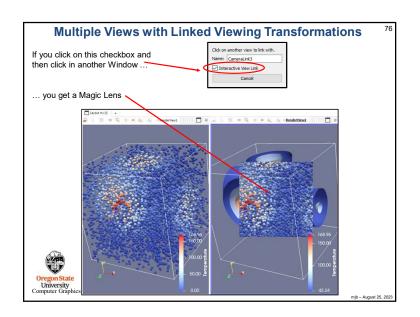




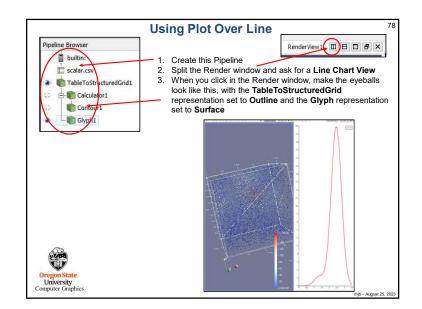


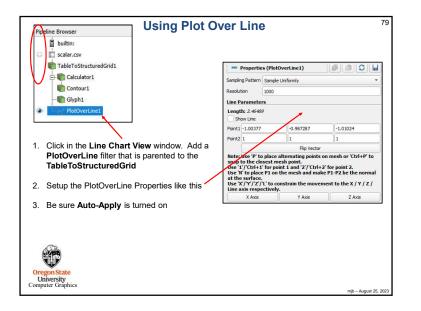


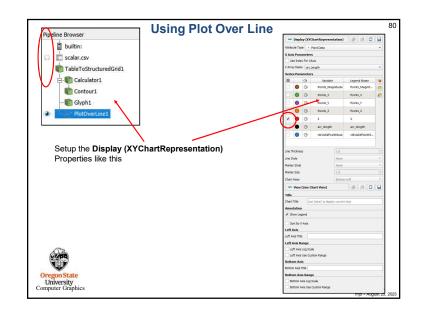


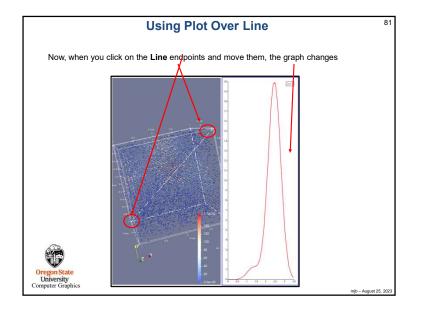


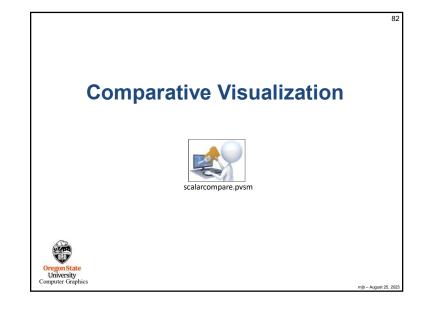


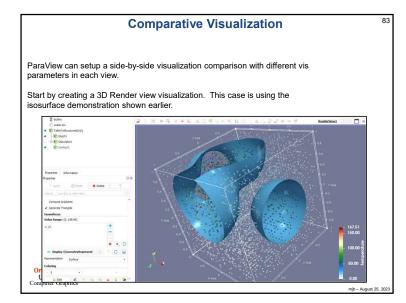


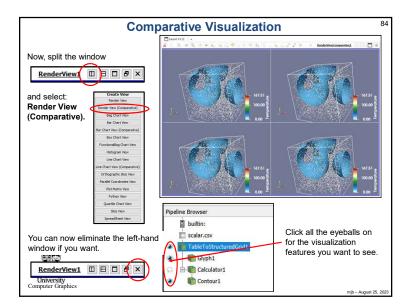


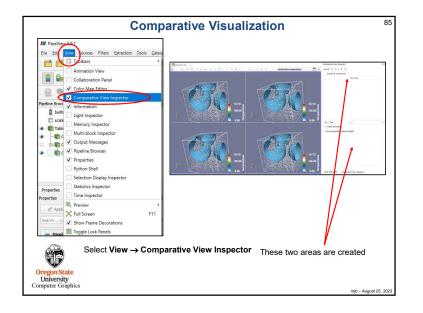


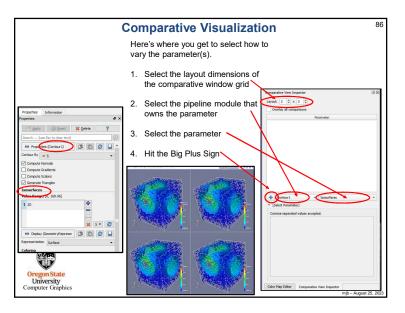


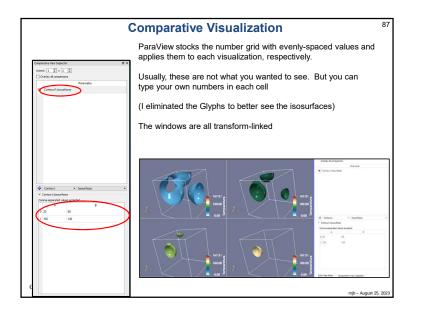


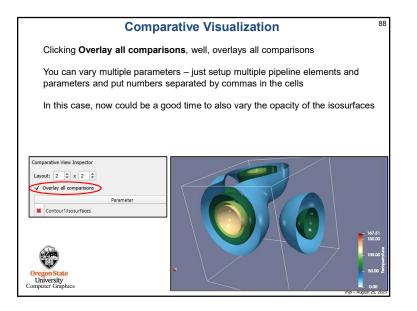


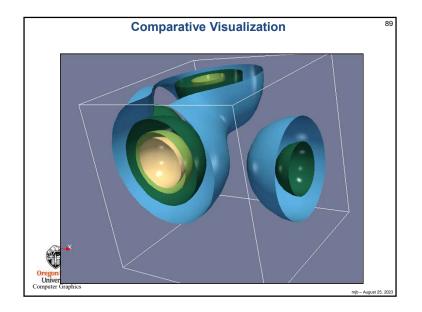


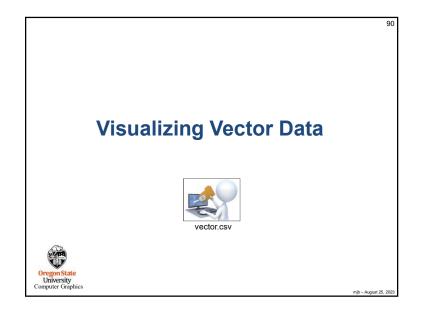


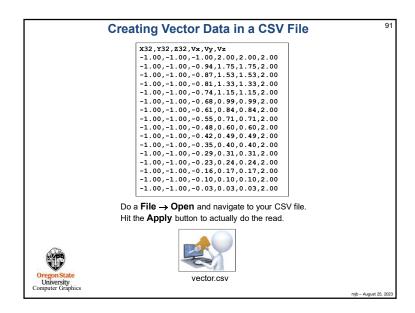


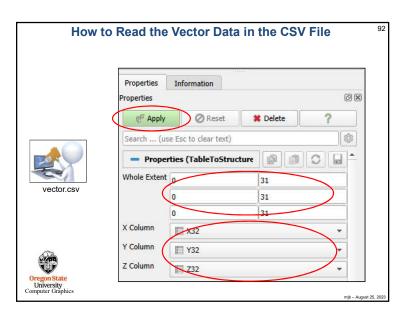


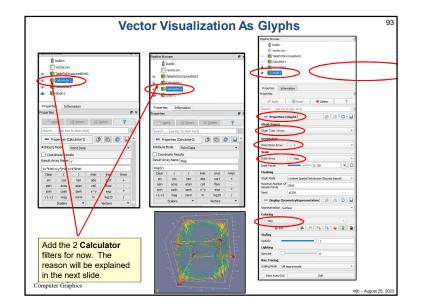


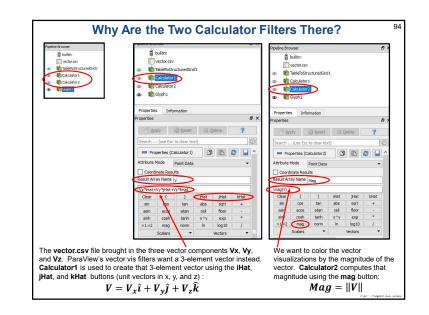


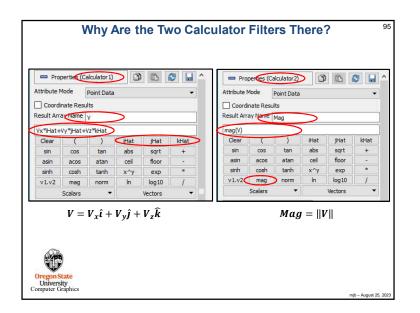


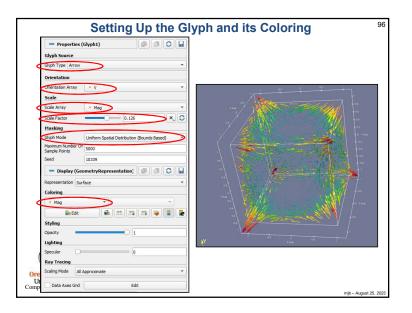


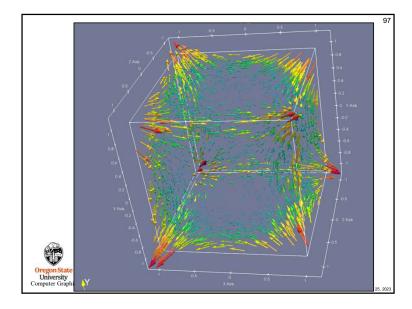


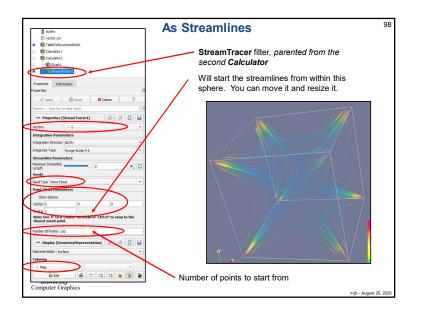


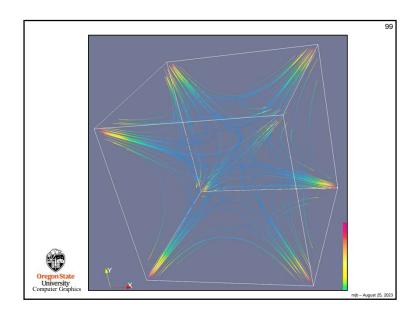


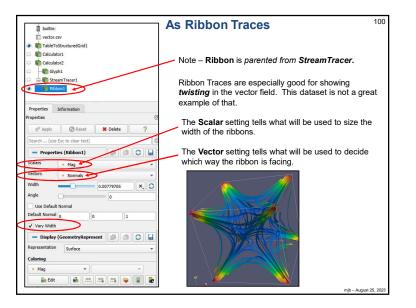


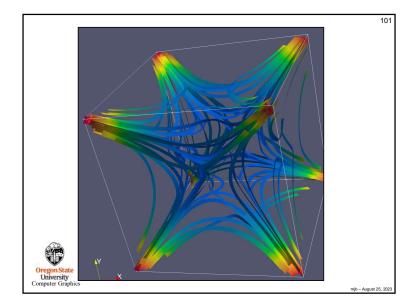


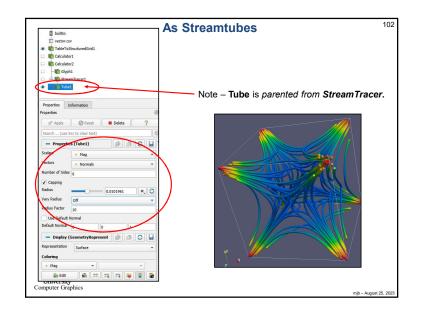


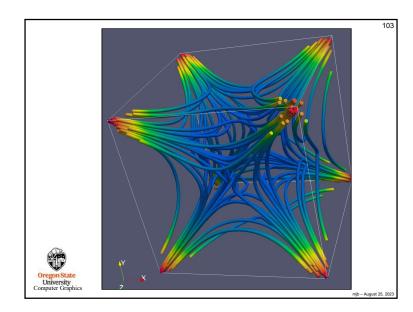


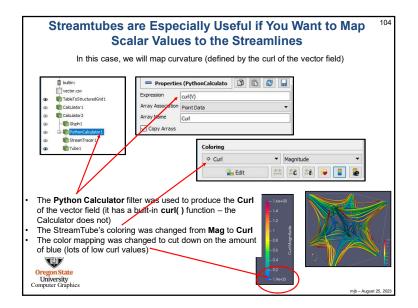


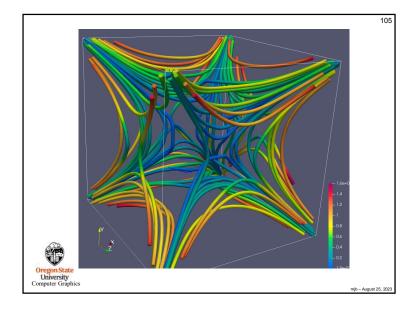


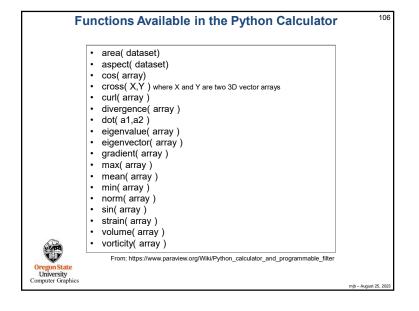


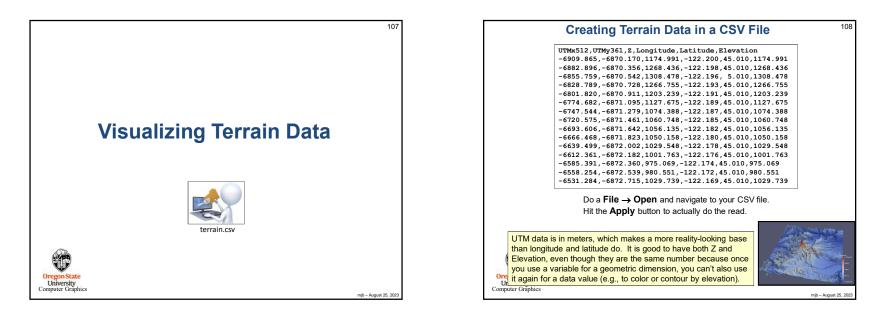


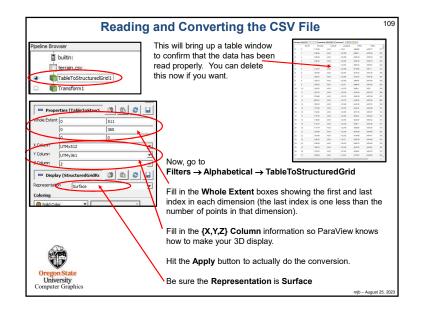


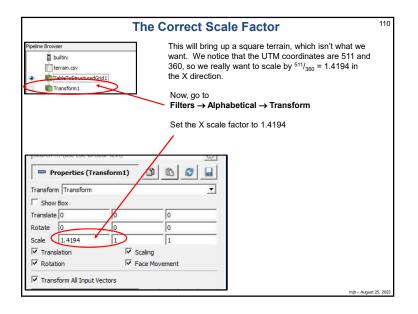


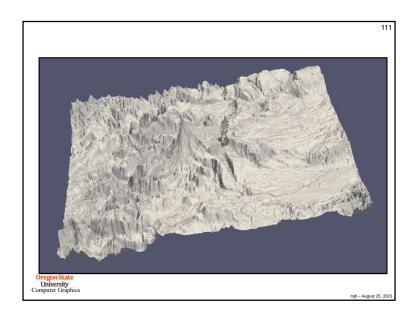


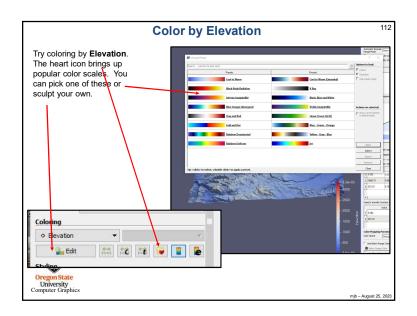


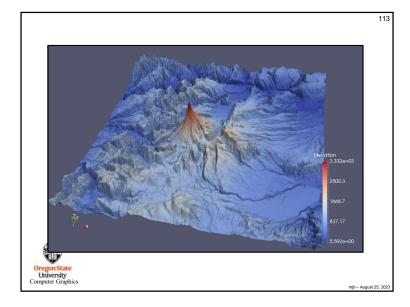


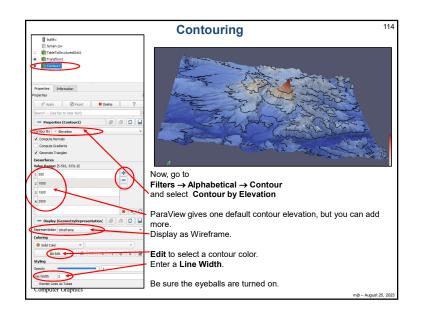


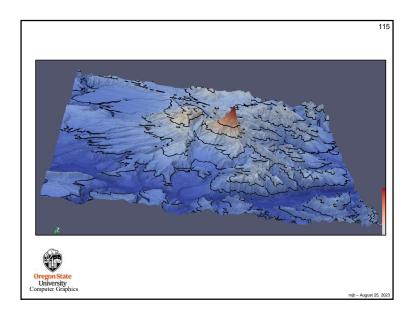


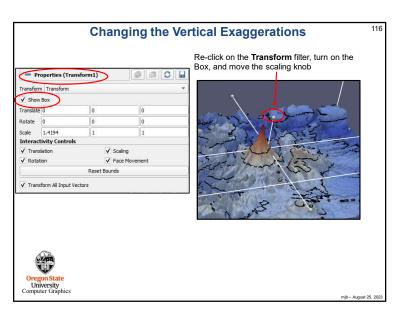






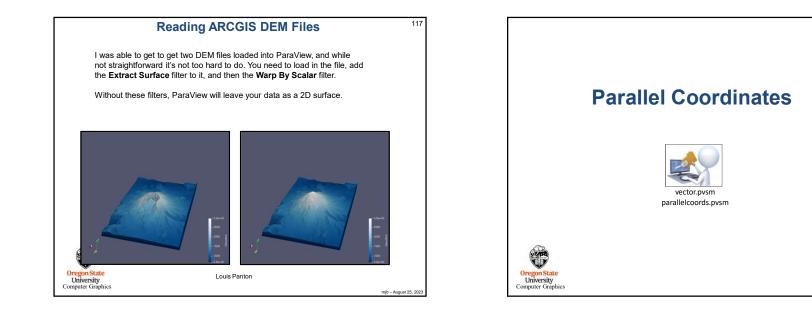


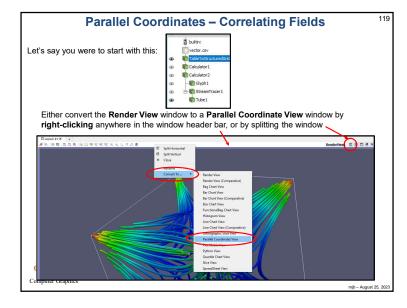


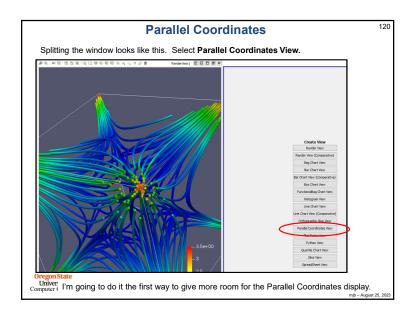


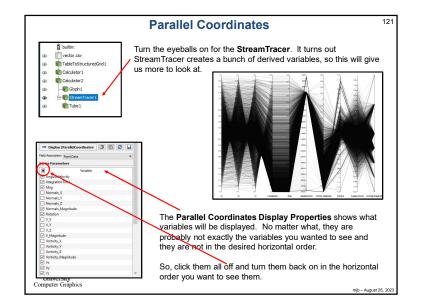
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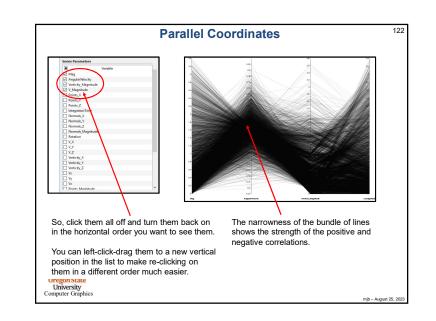
mjb – August 25, 2023

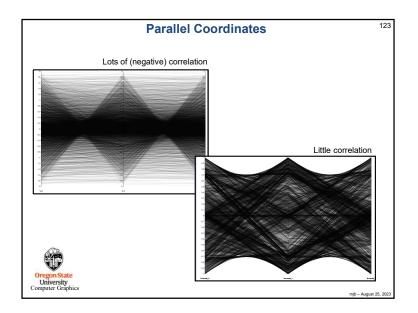


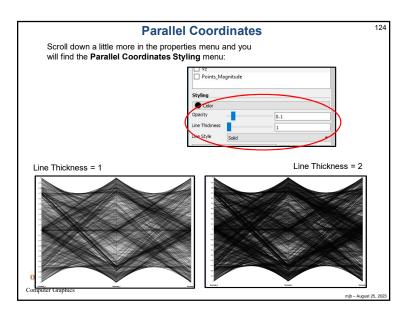


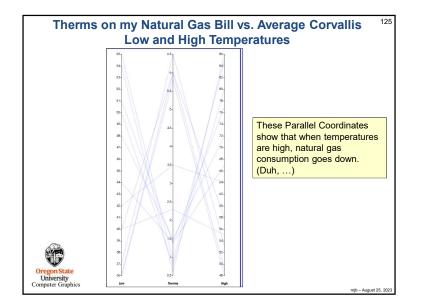






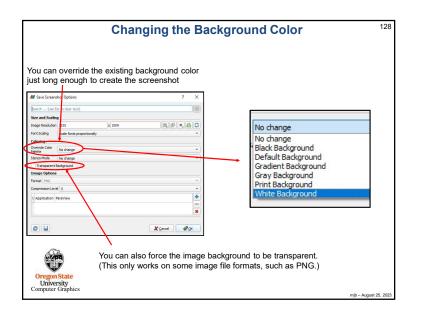


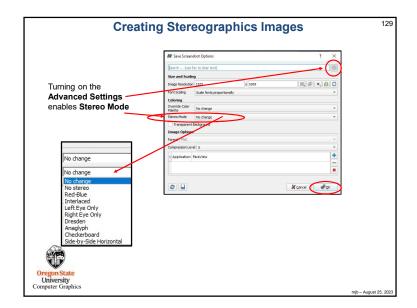


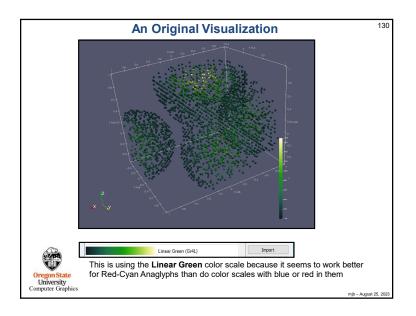


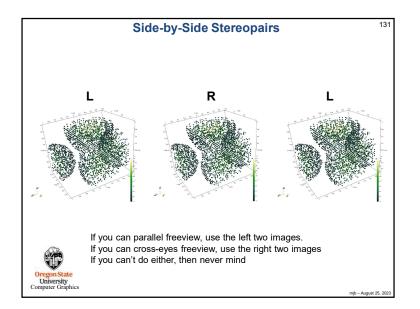


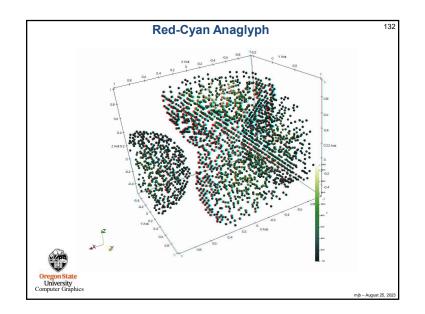


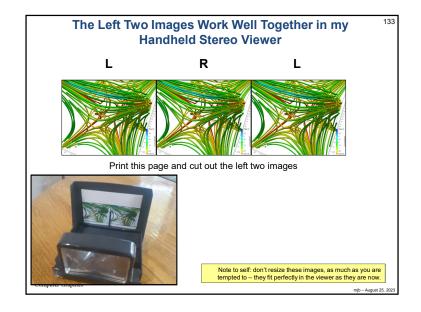


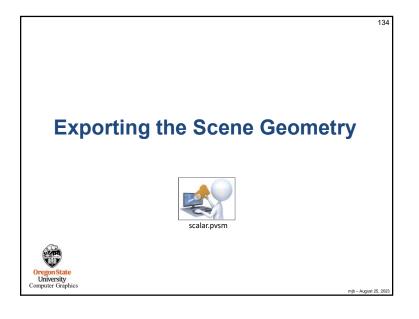


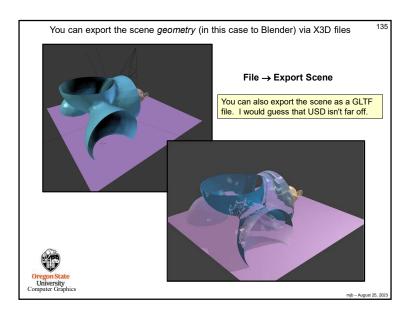


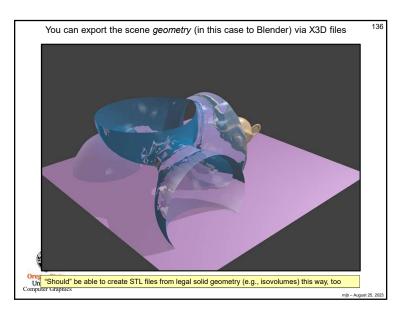


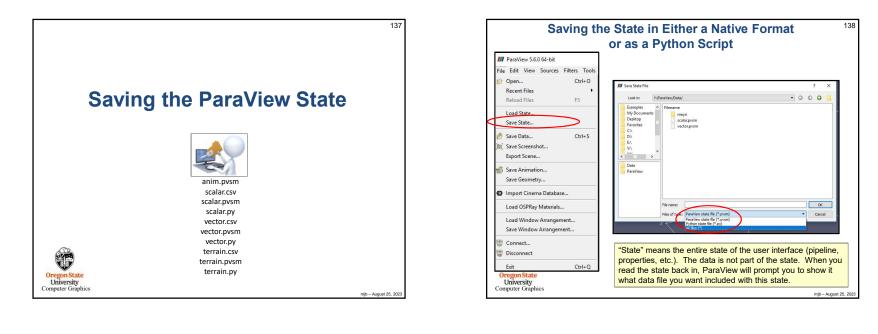




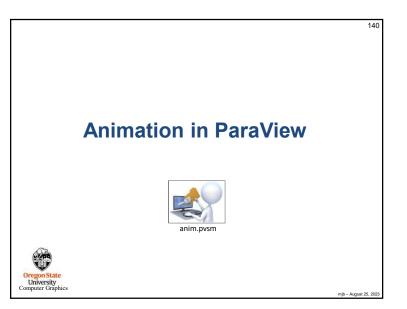


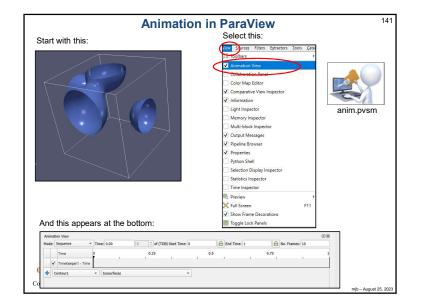


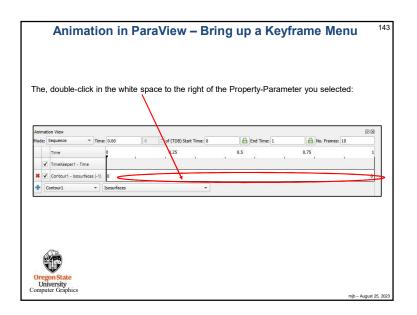


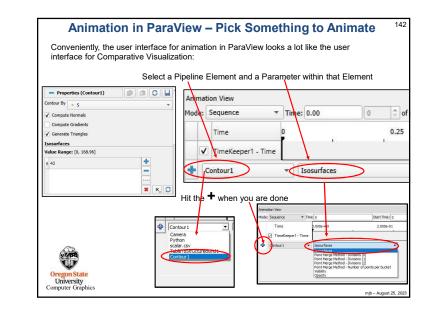


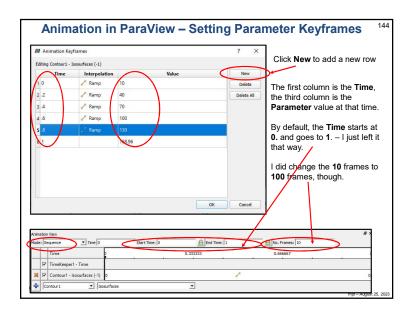
scalar.py	139
<pre># state file generated using paraview version 5.1.2</pre>	
#	
<pre># setup views used in the visualization #</pre>	
#### import the simple module from the paraview	
from paraview.simple import *	
#### disable automatic camera reset on 'Show'	
<pre>paraview.simpleDisableFirstRenderCameraReset()</pre>	
# Create a new 'Render View'	
renderView1 = CreateView('RenderView')	
renderView1.ViewSize = [1160, 912]	
renderView1.AxesGrid = 'GridAxes3DActor'	
renderView1.StereoType = 0	
renderView1.CameraPosition = [3.76687547966054, 5.62637881722241, 4.441637305104	
renderView1.CameraFocalPoint = [0.0241978424871666, -0.0474471125809167, 0.04059	
<pre>renderView1.CameraViewUp = [-0.384789750616684, -0.393723993522038, 0.8348163059 renderView1.CameraParallelScale = 1.73205080756888</pre>	89173]
renderviewi.Camerararaileiscale = 1./3205080/56888	
<pre># init the 'GridAxes3DActor' selected for 'AxesGrid'</pre>	
renderView1.AxesGrid.Visibility = 1	
#	
# setup the data processing pipelines	
# a new 'CSV'	
<pre># Create a new 'CSV' scalarcsv = CSVReader(FileName=['Y:\\ParaView\\Data\\scalar.csv'])</pre>	
<pre>scalarcsv = CsvReader(FileName=['I:\\Paraview\\Data\\scalar.csv'])</pre>	
OregonState	
University	
omputer Graphics	

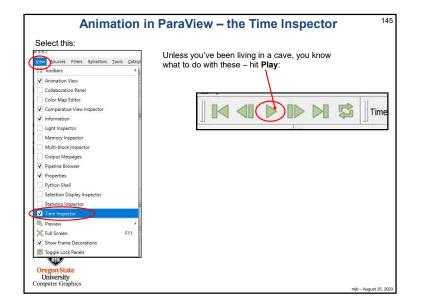


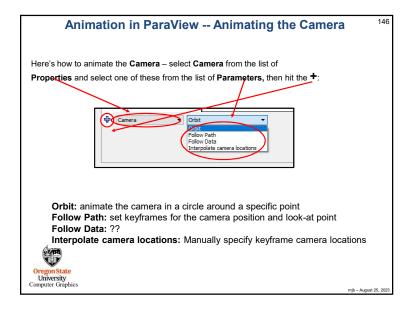












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Ce	nter 0	0.267125	0.236025		
No	rnal -0.213663	0.822066	-0.527783		
Ori	gin 4.50233	3.47036	3.5827		

