



J/GeoToolkit 3.2 Release Highlights

All Libraries

- Improved the workflow for printing (see the PrintPlot tutorial for a code example)
- Made all tick generators internally use long's in their calculations instead of int's. This improves their behavior when the user zooms by large amounts.
- Improved ergonomics in thumb view controller: set the minimum size for the controller width to 3 pixels.
- Changed dash patterns in cgGraphicAttribute to be more pleasing.
- Added methods to axis renderers so that user can get their state.
- Added CombinedManipulators tutorial.
- Added CustomShape tutorial.
- Improved precision issues in some of the classes that use the JDK path object.

JChart

- Added ability to have multiple axes for a chart, see tutorial MultipleCharts and changes to cgChartFrameVisual.
- Added a new editor for charts.
- Added new chart types: cgRoseDiagramVisual, cgRoseHistogramVisual, cgPolarLineChartVisual.
- Added new tutorial: Simplest that shows a very simple line chart.

JSeismic

- Added capability to render seismic images using a direct color model.
- Added support for CSEG Y.
- Improved ergonomics for the thumb view controller
- The color map will now automatically add extra colors at the end of the cgColorMap to improve the way wiggles are drawn with anti-aliasing.
- Added percentile clipping to seismic editor.
- Added option for trace decimation so that user can choose to retain trace peaks.
- Changed the Seismic Advanced Viewer to enable both types of scaling, and gave it a menu item so that users can change this setting.

JWellLog

- Added DLIS parser and tutorial DlisStackedTrack.
- Added micro-positioned shapes in well log track (shapes that span part of the track).
- Improved support for LAS3: zones, runs, and array valued data.
- Added support for LAS3 sections that are not curve data.
- Added method to set LAS time offset/scale for time indexed data.
- Added ability to dynamically switch between horizontal and vertical track layout.
- Added tutorials: DepthUnit, DepthUnitTime, and LoggingRunDepthInterval.
- Improved performance of cgWellLogTextField.render.
- Improved performance of the LAS parser.
- Improved error handling and error messages in the LAS parser.



JContour

- Added new tutorial: LabelingOptions.
- Added collision detection/removal for line labels.
- Added option to orient labels in gradient direction.
- Adding line smoothing
- Added ability for label letters to closely track the contour lines.

JWellSchematic

- Added labels to deviated schematics.
- Provide easy filtering of schematic components and the ability to easily create lithology behind the wellbore.
- Added Textures for cement (CementCompositeShape), and gradient fill for hollow shapes.
- Added getDepthRange to WellboreTrajectory
- Minor fixes that permit users to have a custom SVG map with a deviated schematic.

For more information about J/GeoToolkit and our other data visualization products, please visit our website at <http://www.int.com>.