New Features

This is an overview of some of **Voxler 4's** new features.

Graphical Module Features

- Additional predefined colormaps
- HeightField module improvements, including:
    - Overlay a vector data file.
    - **Surfer** blanking value support.
- ScatterPlot module improvements, including:
    - Use 3D Cone, 3D Cube, 3D Cylinder, and 3D Sphere symbols.
    - Specify the symbol color with RGB color columns in the data file.
    - Points can be classed/binned.
    - Control label density.
- Export Isosurfaces to XYZC data files.
- FaceRender: pan through volume with a slice that is a single voxel thick.

User Friendly

- Streamlined data import process.
- Open multiple projects and worksheets in one **Voxler** application window.
- The *Input component* property in the **Property Manager** for graphical, computational, and data source modules presents a list of available components.
- Header row information is displayed in the **Property Manager** to make data column selection easier.
- More *User interface style* appearance options.
- New **Welcome to Voxler** dialog.

Data Features

- Import tabular data files to Data Source modules.
- Specify which logs are included in the *WellRender* module in the Data Source properties.
- Create and edit data files in the worksheet window.
- Save data files in multiple formats: BLN, BNA, CSV, DAT, SLK, TXT, XLS, XLSX
- Hot editing: changes made in the worksheet window to linked worksheets are automatically visible in the viewer window.
- Assign and convert coordinate systems in the worksheet.
- Hide or show wells from the **Property Manager** Wells page for the *WellData* module.
- Unicode character support.
- Import LASer LiDAR Binary data files.

Import and Export Improvements

- Import and export 3D DXF files that include 3D entities.
- Export *HeightFields*, *Isosurfaces*, and *Contours* to 3D DXF files.

- Export PNG, TIF, and GIF image files with application background transparency.
- Import Google Earth KML/KMZ files.
- Improved line width handling when importing AutoCAD DXF files.
- Import 3D BLN files.
- Import NASA SRTM Grid Data HGT files.
- Import Adobe Acrobat PDF Vector and Raster files.
- Import and export JPEG-2000 image files.
- Import ERDAS Imagine IMG image and grid files.
- Import compressed/zipped SHP Esri Shapefiles.
- Import TIF image files with YCbCr color encoding.
- Import macro-enabled Excel XLSM files.
- Import LASer LiDAR Binary data files.
- Import compressed/zipped Raster and Vector DDF files.
- Import GRIB Weather Data Grid files.
- Import and export NC NetCDF Lattice files.
- Import ECW and SID files without reduced resolution.
- Extract a subregion of ECW and SID files for import.
- Import PLY files with color and material properties.
- Import compressed Geosoft .GRD .GGF grid files.

Automation Updates

- Pass command line arguments to a script.
- Specify multiple component, label, or log columns for a Data Source module.

See Also

Voxler User Interface Overview

Introduction to Voxler

Voxler Tutorial Introduction

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