

JUMP

the Unified Mapping Platform

Version History

VERSION 1.2

Release Date: Sept, 2006

FUNCTIONALITY IMPROVEMENTS

- Added Datastore API and UI
- Added PostGIS as a Datastore
- Added Imagery API and UI
- Added ECW as an Imagery source
- Added Picture readers (with Worldfile) as an Imagery source
- Added GeoTiff as an Imagery source
- Added MrSid as an Imagery source
- Added Spatial Query
- Added Attribute Query
- Improved panning to eliminate flicker
- Added new Decorations: Segment Metrics, Vertex Index, Mid Arrows
- Added new Basic Style presets (e.g. dashed lines)
- Added closed rubber-banding during polygon drawing
- Added radio buttons to MultiInputDialog
- Added Geometry type icons to Layer Attribute View
- Added **Copy Styles** and **Paste Styles** to Layer menu

STANDARD PLUGIN CHANGES

- Added Analysis tools: Spatial Query, Attribute Query, Geometry Function
- Added QA tools: Diff Geometry
- Added Edit tools: Extract Segments, Affine Transformation, Line Noder, Polygonizer, Precision Reducer
- Added Angle and Area to Measure Tool
- Added Cap Style to Buffer plugin

VERSION 1.1.2

Release Date: March 31, 2004

FUNCTIONALITY IMPROVEMENTS

- BeanShell scripting window
- Drag-and-drop layer positioning (Kevin Neufeld)
- Java2XML: handling of Collections nested in Maps/Collections

PERFORMANCE IMPROVEMENTS

- WMS: parse capabilities once instead of every redraw
- ShapefileReader: using 16 KB buffer instead of 2 KB buffer speeds it up by 20% (Sheldon Young)
- FeatureInfoTool: #gestureFinished performance enhancement (Alvaro Zabala)

BUG FIXES

- Undo history was getting truncated prematurely
- LayerViewPanel wasn't obeying #setBackground
- Range\$Positive/NegativeInfinity wasn't working with Java2XML (i.e. colour theming by range)
- GML/JMLReader was reading in integers as Longs
- SaveProjectAsPlugIn: NullPointerException in WindowsFileChooserUI#installUI
- Toolbox cursor-tool button-pressed state changed depending on which task frame was active.
- Window menu wasn't handling opening iconified frames.
- ShapefileReader wasn't handling case where there's no DBF file

PERFORMANCE IMPROVEMENTS

- Added serialVersionUIDs to Serializable classes
- FeatureDataset now Serializable

VERSION 1.1.1

Release Date: January 6, 2004

FUNCTIONALITY IMPROVEMENTS

- Displaying units on Snap Options Panel
- Colour theming: trim whitespace
- New menu items: Save Image As, Copy Image
- New formats can now be plugged into the Feature Info Tool (see FeatureTextWriter in the Developer's Guide)

BUG FIXES

- Save Task exception
- Third-party SaveDataSourceQueryChoosers weren't showing up in the Save Dataset dialog
- Save Dataset dialog was not getting refreshed
- Intermittent NullPointerException (WindowsFileChooserUI ImageIcon)
- WMS ParseException in BoundingBox#boundingBoxFromNode
- Antialiasing wasn't happening at low magnifications

VERSION 1.1

Release Date: November 4, 2003

SEMANTICS CHANGES

- Feature#compareTo works harder to return a non-zero result
- Layer#addStyle calls #fireAppearanceChanged to be consistent with #removeStyle
- GUIUtil#escapeHTML implementation replaced by our own, to avoid licencing issues
- ToolBoxes: removed auto-clicking of first cursor tool in toolbox
- Sped up loading of Extensions (plug-in jars) by assuming that Extension and Configuration subclasses are named "...Extension" and "...Configuration"
- Extension directory is now searched recursively

FUNCTIONALITY IMPROVEMENTS

- Cool fill patterns (stripes and textures) can be set in the Change Styles dialog or programmatically. Plug-ins can add more patterns at startup.
- Dash patterns for lines can be specified in the Change Styles dialog or programmatically.
- Antialiasing – no more jaggies!
- Snap-tolerance parameter in the Options dialog
- Map ToolTips showing attributes of features
- Add New Layer added to Category popup menu
- FlexibleDateParser: Added "MMM yyyy" format
- Java2XML: More descriptive error message when expected attribute missing
- Zoom To Coordinate menu item
- PersistentBlackboardPlugIn can be used to persist state between sessions
- LayerPrinter for obtaining a .gif, .jpg or .png of the Layers in a LayerManager
- #addKeyboardShortcut for launching plug-ins
- Menus can be completely reconfigured or replaced at startup by passing a Setup object into the #main method
- A CoordinateSystem can be defined for a Task and its Layers.
ChangeCoordinateSystemPlugIn can be used to reproject from one CS to another (not yet exposed in the UI).
- Transparency and line width can now be entered using the keyboard
- Change Styles dialog: Transparency sliders on different tabs are no longer sync'd (was confusing)
- WKT dialog: "Compress" button to remove extraneous whitespace from WKT
- Change Styles dialog: preview panel
- Editing Toolbox has its own toolbar button

PERFORMANCE IMPROVEMENTS

- Releasing references to cached images when TaskWindows are closed, so they'll get garbage collected
- Only caching images if there are more than 100 features

BUG FIXES

- FlexibleDateParser: Removed "yyyy.MM.dd e 'at' hh:mm:ss a zzz" format – JDK 1.4 does not understand "e"
- TreeLayerNamePanel: calling JTree#makeVisible instead of JTree#expandPath, solving auto-expand weirdness
- When one zooms deep into a selection handle, a sun.dc.pr.PRException was being thrown
- Copying from HTML-based windows includes line breaks
- An ArrayStoreException was being thrown in VisiblePointsAndLinesCache
- Quasimode key-up event was being lost when a dialog was opened

- WMS layers weren't reporting the available coordinate systems of their ancestors
- Garbage characters when copying from View / Edit Feature to other apps
- Shapefile I/O: incorrect content length
- Shapefile I/O: "F" fields with 0 decimal places were being mapped to integers rather than doubles

API CHANGES

- FeatureSchema no longer Cloneable – #clone was not implemented properly (wasn't deep-copying)
- Chart2D library dropped
- Un-deprecated Readers and Writers
- TaskMonitorDialog: new constructor with "modal" parameter
- LayerAdapter: an empty implementation of LayerListener
- Xerces 2.5
- JTS 1.4

VERSION 1.0

Release Date: 27 June 2003

- Baseline version