

# JUMP

## the Unified Mapping Platform

# Version History

## VERSION 1.1.1

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Release Date: December 18, 2003

### 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

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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

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Release Date: 27 June 2003

- Baseline version