

Source Control, PDF Reporting, Developer Tools, Faster APIs & More

We're bringing in the new decade with one of our biggest releases, including an array of features focused on next generation Dashboard Maintenance and Development tools. We're continuing to improve end user experience with the ability to produce fully customized PDF reports. And we've pushed the performance envelope by introducing an embedded Binary API. *For details on the new development tools visit our [Source Control Management Document](#).*

Highlights

- **Source Control Management**

Integration with GIT and Perforce. Conveniently Check-in/out, diff history within the AMI web based dashboard builder.

- **Multi-file Linker**

Dashboards can now be comprised of multiple files meaning components can be logically separated for independent management/version control.

- **Abstraction**

Functionality can be marked volatile and overridden in another file, allowing for dashboard designers to abstract out functionality for custom implementation.

- **Refactoring Tool**

Components can safely be renamed and/or moved between files. The tool automatically updates and moves dependencies as necessary with naming conflict resolution.

- **Dashboard File Stabilization**

Changes to a dashboard result in minimum/localized changes to the underlying file. Components can be set to defaults to avoid noisy/unintended changes.

- **PDF Reports**

Now, in addition to Excel and text, AMI supports PDF generation. Documents can include any combination of tables, charts, images, text, and more.

- **Object Browser**

A new tool for viewing/searching across all "objects" inside currently loaded layouts. These include panels, data models and relationships.

- **Unbounded Integer and Decimal Types**

Support for very large numbers used in scientific applications.

- **Improved Data Modeler**

- » Full dependency graph shows all links including filters, forms, and tabs.

- » "Snap" components into place for a cleaner more organized look.

- » Hide/Show elements by type usage and file location.

AMI SQL

- **LIMIT clause**

Support for LIMIT clause in PREPARE and ANALYZE statements

- **BigInt**

Unbounded signed whole number, for representing values exceeding signed 64-bit

- **BigDecimal**

Unbounded signed numbers, for representing values exceeding signed 64-bit float

API/Adapter

- **Added Binary-Protocol Feedhandler API**
For integrating directing into AMI, avoiding network communication.
- **Generic JDBC adapter**
Connect to custom JDBC clients with a generic, options driven adapter.
- **Finsemble Bring-To-Front**
Ability to force dialogs to front within Finsemble environment.
- **Couchbase Adapter**
Connect to Couchbase.

Developer Tools

- **Setting *Inherits From* field in Tabs, Dividers**
Provides option to cascade the option to the inner panels.
- **Resource Manager**
Add get relative url for resources.
- **Object Browser**
Find, Edit and Delete all objects within a dashboard using a navigational table view.
- **Datamodeler**
Full dependency graph shows all links including filters, forms, and tabs. “Snap” components into place for a cleaner more organized look. Hide/Show elements by type usage and file location.

End User Improvements

- **PDF Exporting**
Users can now export dashboards to a PDF file for sharing.
- **Custom Layout Preferences**
Option to automatically apply Custom preferences when loading layout.
- **Snapping/Unsnapping**
Divider snapping/unsnapping has been improved.
- **Smoother editing of table cells**
Combo Box can be driven entirely by the keyboard for selecting items.
- **Personal User Preferences**
Add menu options to upload/download personal user preferences.
- **Auto-zoom**
Ability to auto-zoom in Geographic maps depending on where data is.

AMI Script

- **Panels:**
 - » **Tables**
Control Text Filter Box. Switching the user into/out of Editor mode.
 - » **Divider**
Fully Control, including snap status.
 - » **Windows**
Pop-in, Pop-out.
 - » **Tab**
Pop-in, Pop-out, Undock.
- **openWindowURL**
Open a new browser window pointing to a particular URL.
- **Added Layout Class**
When combining multiple files to build a dashboard, each is represented by a layout
- **Callbacks**
 - » **OnSize**
when the size of a panel changes.
 - » **OnVisible**
when a panel is made visible or hidden.
 - » **Divider**
when the divider is moving or clicked on.
 - » **Table**
when columns are rearranged.

New Style Options

- **Tabs**
Customizable Upper and Start Padding.
- **Tables**
Column Header Divider Color.
- **Menus**
Added custom menu styling, including control of Top Menu bar Border.

For more information, email info@3Forge.com.