



Release 2.0

Release Notes & Known Issues

Contents

New Functionality (2.0.0)	3
Support for CA Gen 8.6.....	3
New Sash Options.....	3
New Generator option to exclude install control	3
Context Menu for Header-less List Boxes	3
“Open As Report” option for Context Menu for List Boxes.....	3
Performance and Memory Improvements.....	3
Badge support for Browser on Tab Items	4
Fixes	4
Radio buttons don’t honour MAKE protection.....	4
Known Issues	4
Rapide Designer enhancements not honouring Design Mode	4
Tabs on BROWSER do not show focus	4
Numeric edit patterns with formatting characters	4

New Functionality (2.0.0)

The following features have been added in Release 2.0.0

Support for CA Gen 8.6

Rapide 2.0 provides support for building applications with CA Gen 8.6.

New Sash Options

In previous releases, the orientation property for a sash could be set to either Horizontal or Vertical. The sash position was remembered from the top of the window for Horizontal and the left of the window for Vertical. These options have been renamed “Horizontal from Top” and “Vertical from Left” and new options provided “Horizontal from Bottom” and “Vertical from Right” to specify that the sash position is remembered from the bottom or right of the window.

New Generator option to exclude install control

When performing a build or assemble, the Rapide Generator builds “install control” files from the model and for complex models this process can take most of the time required for a build and assemble. If the calling structure of the application has not changed then the install control files do not need to be refreshed. A new checkbox “Do not generate install control” can be ticked to bypass the generation of the install control files. Note that if you change the calling structure for example by adding a new action block, then you should not check this option otherwise the build and/or assemble will fail.

Context Menu for Header-less List Boxes

Previously, if a list box has no column headers, it was impossible to access the context menu, because this is where you have to right-click for the context menu to appear. Now, for header-less list boxes, an additional ‘...’ control is attached to a corner of the list box which allows you access to the context menu. By default it is not shown, but you can use a new `rapide.properties` token (`LISTBOX_CONTEXT_MENU_HEADERLESS_LOCATION`) to control which corner it appears in. Other options allow you to define the offset from the corner, giving you accurate positioning relative to the list box. CSS theming sections are provided too, where you can further customise the appearance of this ellipsis control.

This ellipsis feature is available for BROWSER and DESKTOP targets, although the theming part is only for BROWSER.

“Open As Report” option for Context Menu for List Boxes

A new option to ‘Open As Report’ is provided for list boxes, via the context menu, which creates an HTML file of the list box data. A new user exit method is exposed for this so you can customise the HTML file. Once produced, the HTML file is launched in a new browser (tab or pop-up depending upon your browser’s security). This feature is available for BROWSER and DESKTOP targets.

Performance and Memory Improvements

When using RAP3.1 as the target for BROWSER applications, this gives the benefit of better performance by optimizing change detection of widgets between browser and the application server, avoiding unnecessary network traffic. It also includes a new mechanism called *preserve-on-demand* that tracks changes to common widget properties and avoids data comparisons entirely for those properties that haven’t been touched in the process of a request. The overall effect is that server load and average response times drop significantly.

In addition to the benefits of moving to RAP3.1, Rapide itself has been enhanced to manage memory and garbage collection much more efficiently, dramatically reducing memory footprint per session.

Badge support for Browser on Tab Items

When using RAP3.1 as the target for BROWSER applications, you can now take advantage of a new RAP3.1 feature called 'badge' on Tab Items, which is similar to decorations except that you can add your own text to the highlighting bubble. This is intended primarily for indicate numbers, such as 'unread emails' etc. but could be used to display any information you want. Badge appearance can be themed. Access to this feature is through the existing Rapide API method `decorationSet()` with some special values – see the API documentation for more information.



Fixes

Radio buttons don't honour MAKE protection

Radio buttons did not honour MAKE protection at all.

Known Issues

Rapide Designer enhancements not honouring Design Mode

Although the Rapide Designer will allow you to store different enhancements for the same control/window for each Design Mode (Window vs. HTML vs. ASP), some of the enhancements are only honoured for the 'Common' (Windows) Design Mode. It is not anticipated that Design Modes will have different enhancements, but if it is a requirement then we will move this support forward.

Tabs on BROWSER do not show focus

The focus indicator is not displayed on Tab Items when running on a Browser, although they do take focus and are included in the tab sequence as expected – you just cannot see it. This may change in the future, but relies on rework of the underlying framework that Rapide uses.

Numeric edit patterns with formatting characters

Currently, there is no support for special formatting (mask) characters in numeric edit patterns, except at the start and end of the field. For example, you cannot use spaces to separate groups of digits.