Information Engineering Technology

Rapide Release Notes

Release 5.0.0

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Updated Pre-requisites and 3rd party software

Java Runtime Update

Rapide 5.0 requires Java 17 for the runtime environment for browser and desktop applications. Please consult the installation guide for further details.

Eclipse RAP Version Updated

Rapide 5.0 uses Eclipse RAP 4.4.

Jakarta Support

Rapide 5.0 supports deploying to Jakarta EE10 application servers

New Functionality

The following features have been added since Release 4.0.0. Note that some of these new features were previously released as service packs for Release 4.0.

Option to right-trim varying length entry fields

New `rapide.properties` token `RTRIM_VARLEN_FIELDS=True` causes any entry fields for Varying Length text fields to be trimmed on their way into the Gen View. This gives similar behaviour to standard Gen GUI applications.

Default behaviour in Rapide remains i.e. retain any trailing spaces for such Varying Length fields (otherwise there is no way to enter a trailing space into a field).

Http Request properties exposed in Rapide Function Library

Exposed Http Request properties through new RFL properties including reqServerName, reqServerPort, reqURL, reqScheme, reqServletPath.

Added RFL method listboxShowMenu

Cause a listbox's context menu to appear, the same as if the user had right-clicked the header of the listbox – new RFL method listboxShowMenu.

Show/Hide Password Field Value

Password entry fields may now have a show/hide icon displayed, so the user can click on this to show or hide the actual value of the password visibly, similar to functionality provided by many mobile devices. To enable this behaviour, create a new `rapide.properties` token PASSWORD_FIELDS_VIEWABLE=True. Default is False.

Honour lowercase characters in numeric edit patterns

A new rapide.properties token (`EDPAT_MIXED_CASE=True`) can be set which will allow lowercase characters to be retained in a numeric edit pattern. For example, "ZZZ9.9mph" would normally be displayed with uppercase "MPH" as that is normal Gen behaviour, but with this you get the option to have "mph" displayed in the field.

Disabled fields use setEditable not setEnabled

Added a new rapide.properties token DISABLED_FIELDS_USE_EDITABLE=True (default is False, same behaviour as previous). This causes all disabled fields (not read-only) to use the setEditable() SWT method instead of setEnabled(). This means that the text data in the field is still selectable and scrollable.

Click on Grid image cell not supported

Click event on Image Cells in Grid controls was not supported.

RFL method to merge 2 BLOB images

A new RFL method is provided – `overlayBLOBImages` - to merge one BLOB view image into the centre of another BLOB view image.

Option for Colour Selector widgets to have no on/off checkbox

New rapide.properties option (COLOUR_PICKER_NEVER_UNSETTABLE=True) to specific that all Colour Selector widgets should NOT include the nulled (on/off) checkbox - always have colour if no checkbox.

Row selection colouring for Row Templates with multi-designs

Highlight/colour select rows in a RowTemplate which has multiple RT designs - previously, no indication was given of the selected row.

New cell property for margin in Grids/Multi-Design Row Templates

New property in UI Designer for Row Template cells to include a border around individual fields/labels - margin_box.

Support MAKE colouring in Multi Design Row Templates

Implemented limited support for MAKE colouring (foreground, and background using reverse video) in columns placed in a Multi-Design Row Template listbox.

New user exit called at session startup

New user exit method, sessionStartUp, called when a session is started.

Browser Camera API

A new API is available for camera control and picture taking – browser targets only.