Information Engineering Technology

Rapide Release Notes

Release 3.0.11

Contents

Important Notes

For this update you need to use GuardIEn 8.7.5 or later if you use GuardIEn to build Rapide applications. Do not copy the GDOPRAPG.dll to your GuardIEn folder unless you are using GuardIEn 8.7.5 or later.

New Functionality

The following features have been added.

Support GetWidth/Height/Top/Left with no shell

Dot methods for getting Left, Top, Width and Height did not support a Window/DlgBox unless it was actually a physical Shell (window) at runtime. This meant it did not work for PSteps loaded into Frames or for Studio Editors/Views.

Scaling from tokens overrides Exit

Scaling of X, Y and Fonts can be adjusted with a User Exit method already, but now matching tokens in rapide.properties will override anything returned by the Exit in preference. Tokens are:

SCALE_FEATURE_FRONT_SIZE

SCALE_FEATURE_X_AXIS

SCALE_FEATURE_Y_AXIS

GC Garbage Collection frequency more controllable

A new token in rapide.properties, GC_FREQUENCY, can be used to determine how often a force/hint for the JVM to perform a GC (Garbage Collection) is done.

Value is in seconds. The check is done whenever a PStep is started, and will not occur more often that this number of seconds, but may occur less often. A value of zero is default, which means never request any additional GC - leave GC up to the JVM to manage (same as previous behaviour).

Include server wrapper classes in <appl>_SVRIA jar

A new option for Rapide Generation allows you to include the server 'wrapper' classes in the <application>_SVRIA jar. These classes are needed when the servers are called using web services. When using the toolset plugin or GuardIEn CSE, the server managers will need to be generated separately with java/ejb as a target. When using Rapide from Studio Developer, the classes are generated when the 'Code' checkbox is selected for the 'server wrapper classes' row.

Fixes

The following issues have been fixed.

Open As Report for Listboxes displays incorrectly for national language characters

If a Listbox contains national language characters in the data, and you use the 'Open As Report' function to create an HTML report of the data, the national language characters do not always display correctly in the browser when served up as a resource through Rapide. The file itself is written with the correct characters, but a charset of UTF8 needed to be defined in the <head> of the html. This file is done in the UserExits.java, so if you have customised your copy of the exits, you will have to add in this extra written line.

MultiLine fields not supporting HSCROLL

HSCROLL property for MultiLine fields was not being supported. Note that SWT does not support HSCROLL and WRAP together.

Thread Access Exception on setPanePosition

May receive an Invalid Thread Access exception on Browser (RAP) when using RFL method setPanePosition.

Improvements to how resources are freed up in JVM for Image

Various improvements have been made to the Rapide runtime to automatic manage the cleaning up of system resources for images more efficiently and earlier than previously.

Edge tracking incorrect horizontally

When tracking a control using Edge tracking, specifying a right-edge tracking but not left, the control should retain its' designed width, but instead the left was staying in the designed position, as distance from the left edge.