

[New in LongRange Runtime Version 16 \(RV16\)](#)

[Device OS version available](#)

Server logic can now find out the OS version of the client.

See RPG Use Case Examples -> Mobile Device Details.

See LANSAs Use Case Examples -> Mobile Device Details

[Form.OnSizeChange event](#)

You can now tell when the form orientation changes.

See RPG Use Case Examples ->Form Orientation and Size.

See LANSAs Use Case Examples -> Respond to Orientation Change

[Map element multiple pins and signals Pin.OnClick](#)

A displayed map can have multiple pins and you can tell which pin was touched.

See RPG Use Case Examples -> Location Pins.

See LANSAs Use Case Examples -> Multiple Locations on a Map

[PlaySound operation](#)

You can play sound file(s).

See RPG Use Case Examples -> Play Sound or Beep.

See LANSAs Use Case Examples -> Play Sound, Play Beep

[Table highlighted rows](#)

You can now highlight table rows.

<http://www.longrangemobile.com/docs/LRProgRPG/index.htm#!Documents/table.htm>

See HighlightCurrentRow and Row%N.HighLight properties.

See LANSAs Advanced Examples -> Table Highlighting.

See RPG EZI Quick Tables II and Advanced Examples -> Selecting a table row.

[EZI vertical tables](#)

EZI tables now have a vertical display option.

See RPG EZI Examples -> Quick Tables III and Quick Panels & Tables.

[EZI folders](#)

EZI folders allow multiple EZI panels or tables to be displayed horizontally, vertically or in expand/collapse mode. See RPG EZI Examples -> Quick Folders.

Use the Change Layout option to see different folder layout modes.

[EZI externally defined form views](#)

This EZI example shows how form view layouts may be defined in source members externally to the form view programs. See RPG EZI Examples -> External Form I and External Form II.

[EZI dropdowns can prefill with a specified range of selectable numbers.](#)

See RPG EZI Examples -> Quick Panels III.

Touch the Max Months Overdue element.

[Reduced HTTP transmission size](#)

Updated servers now send out more compact HTTP data.

Control the visibility of the Home Button

The home button's visibility can now be controlled.

See RPG Advanced Examples -> Menu & Nav Bar Control.

Control the visibility of the Navigation Bar

The navigation bar's visibility can now be controlled.

See RPG Advanced Examples -> Menu & Nav Bar Control.

Control element visibility

Most elements now have a visible property. Refer to property documentation.

See RPG Advanced Examples -> Element Visibility.

Collapse elements

Most elements now have a collapse property. Refer to property documentation.

See RPG Advanced Examples -> Collapsing and Visibility.

Configurable request timeout

The HTTP request time out may now be configured.

Client Commands can start refresh, display about, configuration, etc.

You can display device settings, the about details, refresh the schema or close all sessions programmatically. See RPG Advanced Examples -> Client Commands.

Other Enhancements

- The Barcode element can generate sound and vibration on scans.
- Relative paths may be used in the URL property and OpenURL command.
- There is a new ShowPlaceholder property for the textbox element.
- There is a new ShowGroupSep for the textBox to control decimal formats better.
- Function q_getSystemValue can retrieve system details into ECL.
- You can now have multiple active forms.
- The operation PerformAction can now target Local or Remote forms.
- A WebView can now open a new window.
- A WebView can now refer to local files from HTML even when HTML is remote (using appfile:// and resource:// scheme).
- There is a new Interactive property and more defined behaviour when an element is disabled.
- There are new options in the settings screen to clear the web view cache.
- You can now retrieve action & parameters passed by a command (e.g. search command) in local forms.
- You can change icon used for showing context menus.
- There is a new ECL function to check if a URL is reachable (q_checkUrlAccessible)
- There is a new ECL function to check if LR server (as specified in profile) is reachable (q_checkServerReachable)
- The JavaScript API supports LONGRANGE.Console.log function
- There are new options for debugging LR server side applications from VL-IDE debugger.
- There is a new option to open an online form and maintain (stack) the opening form.
- Various European language server side compatibility issues have been corrected.
- You can invoke LongRange operations from JavaScript-API (e.g. SendMailOperation).
- You can control the use of flash when taking picture (Android only)
- Table rows may now be templated.
- The set of properties that can be locally bound has been extended. Refer to the property documentation of the property(s) you are interested in.

Upgrading to RV16

What	Upgrade from
iPad, iPhone or iPod	https://itunes.apple.com/app/longrange/id508286590?mt=8
Android Device	https://play.google.com/store/apps/details?id=com.lansa.longrange
LongRange Studio	RPG - http://www.longrangemobile.com/upgrade.htm LANSA - http://www.lansa.com/products/longrange/downloadstudio.htm
RPG Server	http://www.longrangemobile.com/upgrade.htm Download the LongRange Server Upgrade Package (20140508). Open the zip file and follow <i>Installing_This_Package.docx</i> .
LANSA Server	http://www.lansa.com.au/products/longrange/download.htm Upgrade by following <i>Installing the LongRange LANSA Feature</i> at http://www.longrangemobile.com/docs/lansa/LR%20LANSA%20Getting%20Started/