8.4 RC1

See Whats new for features that are in this 8.4 release

Components	Key	Summary
API, Runtime	SVY-1376	new function to repopulate valuelist, also see forum topic : 17540
API, Runtime	SVY-12125	Ability to get the omited PK's on a FoundSet
API, Runtime	SVY-12780	Ability to test in code if relation is "loaded/initialized"
API, Runtime	SVY-12094	Support for custom functions and operators in QueryBuilder API
API, Runtime	SVY-12831	Support Array of values in security.setTenantValue()
Developer	SVY-13076	Auto populate war file name/path with defaults in war export wizard
Developer, Runtime	SVY-13032	Create a PersistIndex class that hold the uuid,id,name indexes of the FS
Developer	SVY-12978	Add form to working set in the "create new form" dialog.
Developer	SVY-12973	Developer doesn't start with Java 11
Developer	SVY-12965	Simple Layout (CSS Pos) form when multiple elements selected
Developer	SVY-12946	UUID type check as warning
Developer	SVY-12912	Specifiy solution to save a newly created form
Developer	SVY-12885	New Form Wizard use solution types to filter the list of Form Types
Developer	SVY-12884	New Solution Wizard changes with Solution Types
Developer	SVY-12886	Convert To CSS Position option on Solution and (anchored) forms
Developer	SVY-12870	Copy Paste in properties -> component -> class
Developer	SVY-12845	Importing/deleting a service package (I tried .zip) does not update solEx
Developer, Server	SVY-12829	multiple column per table can be flagged as TENANT_COLUMN
Developer	SVY-12794	Create method in extendsForm and shortcut to open extendsForm in script editor
Developer	SVY-12715	Valuelist editor should set the display and real types for all valuelist types
Developer	SVY-12714	Context menu on tables of a DB connection in Solex not 100% consistent
Developer	SVY-12647	FHV refocuses on the saved form in an editor + it's direct parent hierarchy on save
Developer	SVY-12642	FHV in "Show members in FH" mode doesn't filter properly
Developer	SVY-12641	Add the "Search for References" options available in the Soles also to the context menu of nodes in the FHV
Developer	SVY-12610	Option to make the "Locate Servoy resource" function open forms in the Script Editor, instead of the Form Editor
Developer	SVY-12586	Add code completion and jsdoc support in component server side scripting for ServoyApiObject
Developer, NG Client	SVY-12569	CSS Themes: Ship a default .less theme for Servoy
Developer	SVY-12520	Persist the toggle state of the toggles on the lower part of the Form Hierarchy Viewer that toggle which types of elements are shown
Developer	SVY-12495	Use array, object or function in relation
Developer	SVY-12381	Missing move action on datasources (see image)
Developer, NG Client	SVY-12317	implement a dialog editor for the new css positioning with the calc function in mind
Developer	SVY-12277	Custom ValueLists dataprovider type field
Developer	SVY-12256	duplicate variable not reported from parent form
Developer, NG Client	SVY-11986	make it possible to zoom into a certain area in the designer

Developer, NG Client	SVY-11888	look how to do anchoring for the absolute layout div (inside responsive)
Developer, NG Client	SVY-11870	use/understand the anchored div layout container of 12 grid in the designer
Developer	SVY-10456	Decorate metadata tables differently in solution explorer
Developer, Server	SVY-10412	Replace outdated libraries
Developer	SVY-9320	Search for References on elements doesn't find references on the subform where the element is extended
Developer, NG Client	SVY-12888	Less support split into 3 files for new solutions
Developer	SVY-11416	Form Editor: Context Menu doesn't adjust its position if the rightclick occurs too far to the bottom or right
Developer	SVY-12650	When adding a new stored calc generate the default method body based on column type
Developer	SVY-12466	bad UX in solution export wizard
DLTK	SVY-12755	prototype not supported with "shallow parsing"
Documentation	SVY-12881	Make war commandline exporter documentation clear on which solutions get exported
Extensions	SVY-13089	Mobile service createOfflineDataDescription restful result broken in 8.3.3
Extensions, NG Client	SVY-13036	Power Grid feature request collection
Extensions	SVY-12920	Proxy-Server property in HTTP Plugin
Extensions, NG Client	SVY-12887	Rename Absolute Layout Container
Extensions, NG Client	SVY-12719	List FormComponent test and fix deleted/inserts of rows
Extensions, NG Client	SVY-12689	Make the list form component work for loading more (into the viewport)
Extensions	SVY-12554	rewrite HttpPlugin to use the latest commons client (remove all depricated usage)
Extensions	SVY-11136	Sorting does not work when using onrenderlabel
Extensions, NG Client	SVY-12989	Field (typeahead) with a valuelist allows any values
Extensions, NG Client	SVY-13005	Ag Grid Text Filter not working with Capital Letters
Installer	SVY-12446	Parameters are missing in export.bat
NGClient	SVY-13086	bootstrapcomponents-textbox empty issue
NGClient	SVY-13002	Form controller readOnly reset to true (parent form property) when svyServoyapi.hideForm is called in tabpanel
NGClient	SVY-12999	getLocationX() a.o. functions are not implemented yet for the servoy-onrenderlabel.
NGClient, Runtime	SVY-12901	Update able ViewFoundSet support
NGClient	SVY-13043	URL-Parameter Encoding-/Decoding
NGClient	SVY-12838	Form events all have "form" set as type
NGClient	SVY-12775	Ability to open external URL in main window/tab and close solution without creating a history entry in the browser (PR included)
NGClient	SVY-12730	Servoy Properties allow data model changes by database
NGClient	SVY-12679	try to improve application.showUrl() so that the sessionid/windowid of the current window is not really used
NGClient	SVY-12583	Bad performance in UserProperties area
NGClient	SVY-12565	APP_UI_PROPERTY.NG_BLOCK_DUPLICATE_EVENTS doesn't work all the time
NGClient	SVY-12564	Warnings in the logs due to Servoy pushing back a preferredViewportSize setting on FoundSets
NGClient	SVY-12274	url rewrite to loginpage is clearing custom query string

NGClient, Server	SVY-12234	Remove requirement for having a queryparameter with key 'a' in URL, in order for other query parameters to be pass through to onSolutionOpen event hander
NGClient	SVY-12191	Add an additional parameter to showFormPopup that adds a blocking overlay
NGClient	SVY-11822	create a anchored div layout container in 12 grid (for the runtime)
NGClient	SVY-11332	Ability to get rid of ?f=%%formName%% in url
NGClient	SVY-9503	get/set userProperties fails if the user refresh the page (F5)
NGClient	SVY-12962	I would like to be able to log client-side error into the server log.
NGClient	SVY-12585	ValueList refresh mechanism on components not optimized
Runtime	SVY-13025	HTML editor (anchored form) does not re-enable editable
Runtime	SVY-13006	solutionModel.cloneComponent returns null when cloning inherited element
NGClient, Runtime	SVY-12900	ViewFoundSet databroadcast support if pk column(s) are given for 1 or more tables that are in the select
Runtime	SVY-12724	View Foundset (readonly) support at runtime
Runtime	SVY-12904	Format phone numbers in code
Runtime	SVY-13019	i18n.getCountries() contains duplicates
Runtime	SVY-12493	Array support in datasources from stored procedures
Server	SVY-12954	Make the "clear statistics" on the Database Performance page of the Admin page just clear the stats
Server	SVY-12929	Servoy application server batch(sh) files needs to work with the new logging/slf4j.jars
Server	SVY-12660	Remove Terracotta from the code base
Server	SVY-12571	entries in the Log on Admin Page gets removed too soon
Server	SVY-12875	Ability to override where the log4j(2) configuration is loaded from
WebClient	SVY-12894	Error from our log Calc 'ordertotal_incl_discount' did time out for thread: https-openssl-nio-8443-exec