

Tutorials and Guides



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Platform Tutorials

- [Automatically synchronize LDAP based on schedule](#)
- [Backup, Restore and Disaster Recovery](#)
- [Protect Sensitive Data](#)
- [Troubleshooting - Common Errors](#)

App Tutorials

- [App Versioning and Publishing](#)
- [Update Existing Running Process Instances to the Newer Process Flow After Process Changes](#)
- [Database Connection Monitoring and Leak Detection](#)
- [Customizing App Center](#)
- [Internationalization](#)
- [Handling Permissions for Custom User Object Attributes in LDAP or AD](#)

Form Tutorials

- [Add a Grid](#)
- [Add a new Row in Form Grid using script](#)
 - [Pre-populate Loan Payment Schedule](#)
- [Add Extra Attributes and Signature to User Profile](#)
- [Add jQuery Tooltip to form](#)
- [Add Save as Draft feature to Run Process activity form](#)
- [Ajax Cascading Drop-Down List](#)
- [Create Aggregate Final Row in Grid](#)
- [Duplicate Form](#)
- [Duplicate Form Element](#)
- [Duplicate Form Grid](#)
- [Dynamic Cascading Drop-Down List](#)
- [File Upload in Grid](#)
- [Format, List, Sort, and Filter using the Date Picker](#)
- [Form Permission Control](#)
- [Generate Reference ID](#)
- [Hide Save as Draft Button](#)
- [How to host image in Form or Userview](#)
- [List Grid/Popup Selectbox - Pass field value to Datalist for filtering](#)
- [Load and Store Form Grid Data Using Bean Shell Form Binder](#)
- [Many-to-Many Relationship Form Design](#)
- [Pre-populate Form Fields from Request Parameters](#)
- [Pre-populate Form Fields with Data from External Source](#)
- [Pre-populate Form Select List from External Source](#)
- [Sample Scripts](#)
 - [Autocomplete Text Field](#)
 - [Auto Remove Duplicate Row in Form Grid](#)
 - [Calculate Date Range](#)
 - [Clear Form Grid Data on Field Change](#)
 - [Date Picker - Compare Date](#)
 - [Date Picker Field - i18n](#)
 - [Ensure Field Only Allows Numerical Values Before Submission](#)
 - [Limit Date Range for "From Date" & "To Date" Date Picker Fields](#)
 - [Populate Value in Form Grid with Parent Form Value](#)
 - [Process Activity Routing Based on Buttons Instead of Select Box](#)
- [Selective Store Form Fields Based on Submit Button](#)
- [Show and Hide Form Sections](#)
- [Spreadsheet Custom Formats](#)
- [Subforms](#)
- [Temporarily disable form validation for record creation](#)

Datalist Tutorials

- [Duplicate List](#)
- [Filter Records using Request Parameter](#)
- [Formatting and Making Foreign Key Reference Using Default Formatter](#)
- [Listing of Records](#)

- [List Pending Activity and Assignees](#)
- [Merge 2+ processes into 1 datalist inbox \[Multiapproval application\]](#)
- [Prepopulating Select Box With Multiple Row Selection in Datalist](#)
- [Show images in List](#)
- [Showing Process Instance \(List Record\) Data in a Form](#)
- [Start Process from Datalist Hyperlink Action](#)
- [Using Date Formatter, Date Filter and Date Range Filter](#)

Userview Tutorials

- [Automatically advance to next Assignment in Datalist Inbox](#)
- [Close Popup Dialog on Submission of Form](#)
- [Corporati Theme customizations](#)
- [Create Graph using JasperReports iReport Designer](#)
- [Duplicate Userview](#)
- [Enable "Are you sure?" Dialog for Userview](#)
- [How to Add Filtering to Calendar Menu](#)
- [Passing form value as parameter to filter JasperReport](#)
- [Performance Improvement with Userview Caching](#)
- [Process Status Userview Menu sample app](#)
- [Run Process from CRUD Add Button](#)
- [Set favicon for Userview](#)
- [Typical Userview Design](#)
- [Userview Key](#)
 - [Run Process Userview Element](#)
 - [Userview Form Element](#)
 - [Userview List Element](#)
- [Userview Permission Control](#)

Process Tutorials

- [Add Signature Form Element as Image into Email Content](#)
- [Advanced Participant Mapping](#)
- [Call Stored Procedure - MySQL](#)
- [Configure JSON Tool based on the JSON data structure](#)
- [Duplicate Process](#)
- [Email Polling System](#)
- [Multiple Approval](#)
- [Multiple Approval v2 \(Thread safe\)](#)
- [Participant Mapping - Assign to User in Group with the least assignments](#)
- [Process Deadlines, Exceptions and SLAs](#)
 - [Deadlines and Escalations](#)
 - [Defining SLA Indicators](#)
 - [Enabling Data Collection for SLA Implementation](#)
 - [SLA \(Service Level Agreement\)](#)
 - [Trigger Deadline based on specific Date value](#)
 - [Correction on the Use of Date Format](#)
- [Process thumbnails not showing](#)
- [Sending Email](#)
- [Sending Reminder Repetitively](#)
- [Send JasperReports PDF in Email Tool](#)
- [Setting Workflow Variable Value in Process Tool Bean Shell](#)
- [Start a Process from External Page](#)
- [Subflows \(Subprocesses\)](#)
 - [Flow and Subflow](#)
 - [Sample Application with Subflow](#)
- [Updating Foreign Record using Form Data Update Tool](#)
- [User Notifications](#)

Video Tutorials