

What is New in Joget Workflow v6



Joget Workflow v6 has a dual pronged focus: User Experience (UX), and App Maintainability and Performance.

USER EXPERIENCE

Enhanced App User Experience for Desktop and Mobile

The desktop view shows a table of Submitted Expenses with the following data:

TITLE	REF	\$	STATUS	CREATED	
March 2017	0003	300.00	Submitted	Mar 02, 2017	View
February 2017	0002	566.00	Submitted	Mar 01, 2017	View
Claim 2	0001	0.00	Submitted	Feb 23, 2017	View
Claim 1	0001	10.00	Submitted	Feb 21, 2017	View

4 Items found, displaying all items.
[CSV](#) | [Excel](#) | [XML](#) | [PDF](#)

Say goodbye to uninspired user interfaces expected in business apps, as v6 will provide a Universal Userview Theme that embraces Google's Material design philosophy. Responsive to fit desktop and mobile devices, the theme allows for simpler and more flexible configuration, while still allowing fine-tuning via custom CSS or JavaScript.

Customizable App Center with Joget Marketplace Integration

management

- Club Management App**
Club Management App
- Community Management V1**
Community Mgmt V1 Portal
- Dynamic SLA Management**
Dynamic SLA
- Employee Loan Management**
Employee Loan Management
- Event Management**
Event Management
- Insurance Management**
Insurance Management App
- Newsletter Management**
Newsletter Management
- Joget Workflow On-Demand Management**
Paid Cloud Account

Powered by Joget



The App Center, the default landing page providing access to apps and seamless integration with the Joget Marketplace, is now a customizable app! Adapt the App Center to specific needs, or even replace it entirely if required.

Dashboard Capabilities

SHOWCASE

Admin Admin
owen@joget.org

Home

Dashboard

Form - Basic Elements

Form - Advanced Elements

Account List

Sample Charts

Data Management

Process Management

Sample Data Setup

Home / Home / Dashboard

Reset to default layout

Add Contact

Contact

Account

Name

Phone

Email

Stacked XY Chart

If you do not see a graph here, please initialize the sample data first.

Stacked Line Chart

Category

Y4
Y3
Y2
Y1

Bubble Chart

If you do not see a graph here, please initialize the sample data first.

Bubble Chart

Category

T-1M
T-1W
Initial

XY Chart

If you do not see a graph here, please initialize the sample data first.

Stacked Bar Chart

If you do not see a graph here, please initialize the sample data first.

Bar Chart

If you do not see a graph here, please initialize the sample data first.

One of the frequently requested features, a Dashboard Userview element now provides the capability for multiple elements to be presented in dashboard format for better information visibility.

Calendar View

SCHEDULING APP

Admin Admin
demo@joget.org

Welcome

Manage Event

Manage Event 2

Calender Menu

Home / Manage Event / Calender Menu

Month Week Day

July 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	1	2
3	4	5	6	7	8	9
10	11	12 2-30p Event 1	13 12-30p Event 2	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

The Calendar Userview element displays events in a familiar monthly, weekly or daily calendar view.

Unobtrusive Admin and Design Interface

Memory Used: 326 / 503 MB; Datasource Active: 0, Idle: 1

Simple Help Desk

Menu: Service Help Desk

Client Report IssuesHelp Desk Manage IssuesSettingsLogout

Page: <i class="icon-list"></i> Manage

Form: Enterprise Issue: Add

Submit New Issue

Ensure that all product and version information are provided with steps to reproduce the issue. If there are more than one user requesting for support using this account, please indicate your name. If you need to assign to multiple persons, use the semi-colon to delimit the emails, e.g. john@email.com;jane@email.com.

PROJECT *Project A

TRACKER *Bug

PRIORITY *No priority

VERSION *v1

SUBJECT *

ASSIGN TO *andrew@joget.org

ATTACHMENTS (<SMB>Choose Files No file chosen

EXPLAIN THE ISSUE *

REPORTED BYAdmin

EMAILdemo@joget.org

DATE REPORTED2016-11-14 05:30 EST

SaveCancel

joget

APP

Forms & UI

Processes

Properties

SYSTEM

Users

Monitor

Settings

?

>>

The focus is on the apps, so the administration and app design interface is designed to be discreet and to stay out of the way. A floating design button toggles to show the Admin Bar and Front-End Edit Mode to show elements directly within the app.

Design Apps Anytime, Anywhere with Support for Touch Devices



Touch devices are now supported! App designers can now use tablets or touch screen PCs to design all the processes, forms, lists and userviews. Dragging, dropping and configuring elements using your fingers or a stylus makes building and maintaining apps more accessible anytime, anywhere.

Excel-Like Functionality With the Spreadsheet Element

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The [Spreadsheet](#) element provides Excel-like functionality with formulas and functions, as well as support for file and image uploads.

Improved User Experience with AJAX Support in Multi-Paged Forms

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[Multi-Paged Forms](#) provide an improved user experience with AJAX support, allowing for switching between pages without the need for full page reloads.

APP MAINTAINABILITY AND PERFORMANCE

Improved App Maintainability with Advanced Tools

Advanced Tools

TREE VIEWER

USAGES

TABLE

I18N

DIFF CHECKER

JSON DEFINITION

Form (Enterprise Issue:Add)

Properties

Section

Properties

Column

Properties

Custom HTML

Section

Properties

Column

Properties

Select Box (PROJECT)

Select Box (TRACKER)

Select Box (PRIORITY)

Select Box (VERSION)

Text Field (SUBJECT)

Text Field (ASSIGN TO)

File Upload (ATTACHMENTS (<5MB))

Hidden Field

Custom HTML

Text Field (REPORTED BY)

Text Field (EMAIL)

Collapse All

Expand All

Generate Image

joget

APP

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Processes

Properties

SYSTEM

Users

Monitor

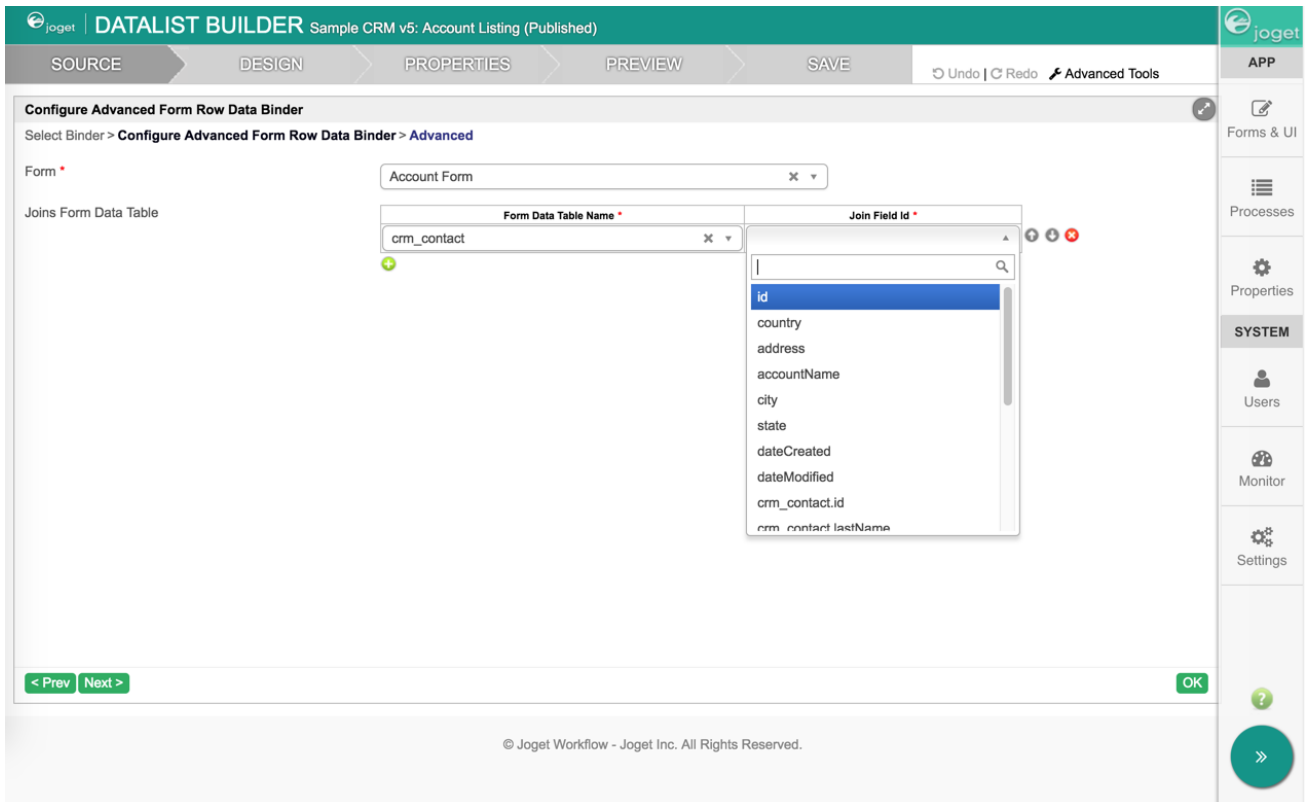
Settings

?

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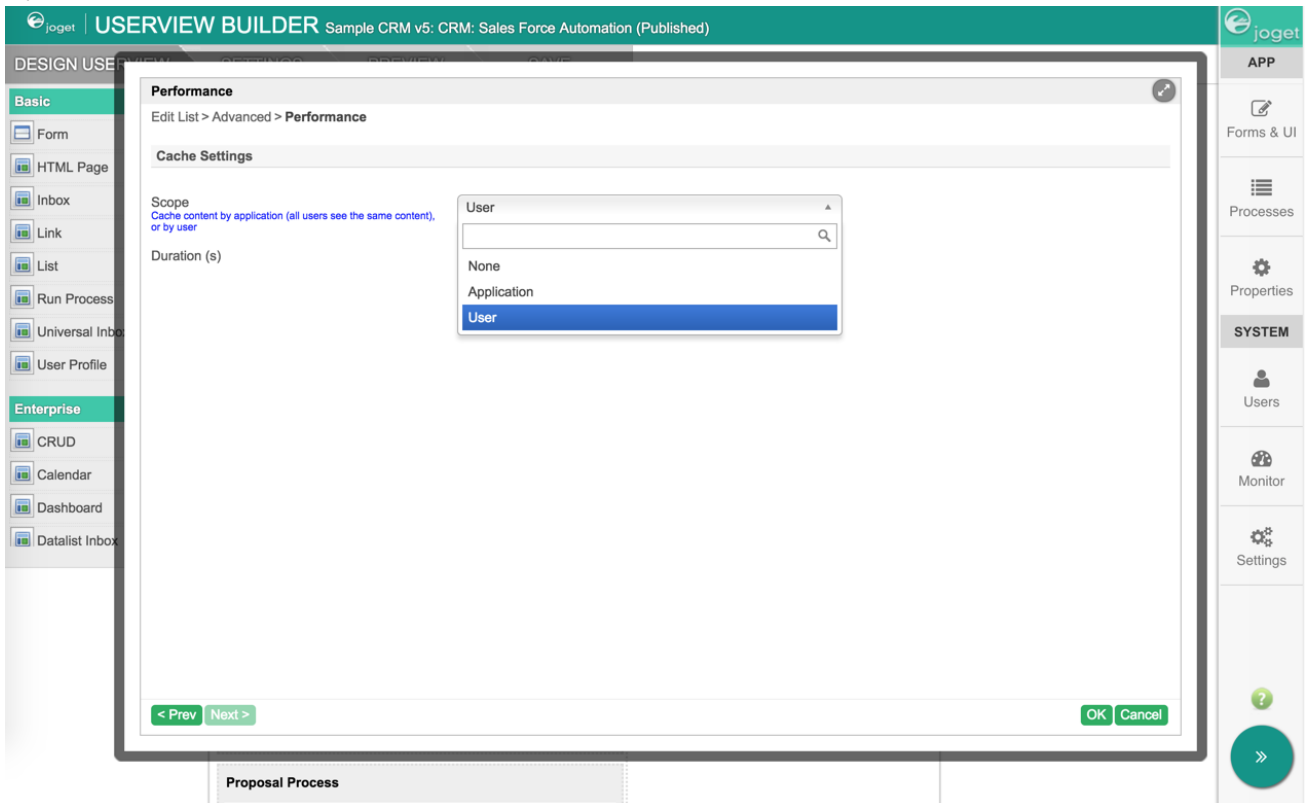
The major challenge in app development is not building it the first time, but rather maintaining and evolving it over time. A big focus in v6 is improving app maintainability hence the new Advanced Tools which will make it easier to manage dependencies, while adding support for automatic merging of concurrent changes. For improved accountability, all changes to an app are now captured in the system audit trail as well.

Enhanced Configuration Options for Codeless Apps



The Joget Workflow platform allows for almost limitless extensibility via plugins and custom coding. However, the requirement for coding makes it less accessible to non-coders. In v6, there are now additional configuration options in various elements to allow for simple configuration instead. For example, retrieving data from multiple forms can be accomplished using simple form selections, instead of using custom SQL JOIN queries.

Improved Performance with Userview Caching



Caching is now available for all userview pages. Requiring just a couple of settings, any userview menu and page can be easily cached to eliminate bottlenecks and reduce server-side processing. When used appropriately, caching can greatly improve the performance and scalability of apps.

Database Connection Monitoring and Leak Detection

Memory Used: 274 / 504 MB; Datasource Active: 0, Idle: 1

DB Connection Leak App

Menu: DB Connection Leak App

Home > Welcome

Welcome

Manage Form1 0

Page: Welcome

Apps and Workflow Made Simple

Build apps, not just processes!

Create full-fledged apps with support for data records management.

Increased Efficiency and Productivity

Faster and more consistent completion of manual processes, and with minimal e

A new feature incorporated into the Performance Analyzer now provides monitoring of database connections at runtime. When logged in as an administrator, the Performance Analyzer displays the number of active and idle platform datasource connections at the top left corner of the app userview.

There is also database connection leak detection, which works for both BeanShell scripts and custom plugin code. When a possible leak is detected, a warning will be captured in the logs to allow administrators to identify the page causing the problem.

Additional Plugins Out of the Box for Greater Flexibility

v6 includes additional useful developer and integration plugins to cater for more complex app requirements.

- More JDBC and BeanShell plugins are now available out of the box to allow for custom SQL and BeanShell code in forms and lists.
- The Permission Userview Menu element allows userview permissions to be configured in the front-end app.
- There is also a new Sync LDAP Directory Manager that allows LDAP and Active Directory information to be synchronized with the local user directory.

Latest Upgrades Under The Hood



Joget is built on Java using the proven and popular enterprise libraries Spring Framework and Hibernate ORM and in v6 they will be upgraded to new stable releases (Spring 4.3 and Hibernate 4.3) to take advantage of all the performance, stability and security improvements available.

Improved JSON Tool for Integration

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The [JSON Tool](#) provides more built-in integration options to external systems, with support for POST requests, request headers, payloads, debug mode, etc.

Simpler Email Configuration with Platform-Wide Settings

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Platform-wide default SMTP email settings are now available in the [General Settings](#), allowing a single configuration to be applied across all apps and plugins.

Enhanced Security with Multi-Factor Authentication (MFA)

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User logins can now be secured with built-in support for [Multi-Factor Authentication \(MFA\)](#), working with TOTP standard mobile apps like [Google Authenticator](#) or [Microsoft Authenticator](#).
