

App Generator - Generate Apps from a Form

The App Generator is a feature that was first introduced in v4. It was designed to greatly accelerate the development of Joget Workflow apps. It is also a very useful tool for rapid prototyping your app when working with your end-users.

Using the App Generator, you can automatically generate an app with lists, CRUD (Create-Read-Update-Delete), incorporate a generic approval process and a Twitter Bootstrap userview theme.

1. To use the App Generator, firstly create and design your form. When you are done, save the form. Then click on the large Generate App button on the top right of the Form Builder.

The screenshot displays the Joget Form Builder interface. The title bar reads 'joget | FORM BUILDER Travel Request 2 v1: Travel Request Form'. Below the title bar are navigation tabs: 'DESIGN FORM' (active), 'PROPERTIES', 'PREVIEW', and 'SAVE'. To the right of these tabs are icons for 'Undo', 'Redo', and 'Advanced Tools', followed by a large blue 'GENERATE APP' button. On the left side, there is a vertical toolbar with two sections: 'Basic' and 'Custom'. The 'Basic' section includes: Hidden Field, Text Field, Password Field, Text Area, Select Box, Check Box, Radio, Date Picker, File Upload, and Subform. The 'Custom' section includes: Grid. The main workspace shows a form titled 'Travel Request Details' with the following fields: 'Name' (text field), 'Travel Date (From)' (date picker), 'Travel Date (To)' (date picker), and 'Remark' (text area). A 'Drag This Column' label is positioned above the 'Name' field.

2. The App Generator dialog will offer options to Generate Datalist, Generate CRUD and Generate Approval Process and Generate Assignment Process. Select the first 3 and click on Generate. You may try to click on Advanced Generation to refine its options.

joget | FORM BUILDER Travel Request 2 v1: Travel Request Form

DESIGN FOR

App Generator

Generators:

- Generate Datalist**
More Info Advanced Generation
- Generate CRUD**
More Info Advanced Generation
- Generate Process - Approval Process**
More Info Advanced Generation
Create a process as the following diagram and its associated forms and mapping.
- Generate Process - Assignment Process**
More Info Advanced Generation

Generate

```

graph TD
    subgraph Applicant
        E1[Email on Received] --> C[Clarification]
    end
    subgraph Approver
        A[Approval] --> UR[Update Record Status]
    end
    C --> R1{Route 1}
    R1 -- "status == 'Clarification Required'" --> C
    R1 -- "status == 'Approved'" --> E2[Email on Approved]
    R1 -- "otherwise" --> E3[Email on Rejected]
    E2 --> End1(( ))
    E3 --> End2(( ))
  
```

3. Once the generation is complete, reload the App design page and you will see a number of auto generated forms, lists, userviews and a process.

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APP

Forms & UI

Processes

Properties

SYSTEM

Users

Monitor

Settings

Design App: Travel Request 2

Version 1 Published

1 Forms & UI

2 Processes

3 Properties & Export

All Apps

Create New Form

Forms

- Travel Request Form travel_requests
- Travel Request Form Approval travel_requests
- Travel Request Form Approval Action travel_requests_a
- Travel Request Form Clarification travel_requests

Create New Datalist

Lists

- List - Travel Request Form

Create New Userview

Userview

- Travel Request 2 Launch

Refresh

»

Design App:
Travel Request 2

Version 1 Published

- 1 Forms & UI
- 2 Processes
- 3 Properties & Export

All Apps

Design Process Update via Saved XPDL Run Process

Process name: **Travel Request Form Approval Process**

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APP

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>>

Show Additional Info

Map Participants to Users Map Activities to Forms Map Tools to Plugins Variable List

This is the list of participants defined in the Workflow design.

Applicant		Approver	
Type	Performer	Type	Performer's HOD
ID : request_applicant	Activity Definition ID : runProcess	ID : request_approver	
	Remove Mapping		

4. The generated app is automatically published, and you will be able to launch the app from the App Center.

TRAVEL REQUEST 2 Home / Welcome

Admin Admin

Welcome

- Manage Travel Request Form 0
- Travel Request Form Approval Process -
- Inbox 0
- Submit Travel Request Form

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 errors.

Lowered Cost
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