

Create Userview Theme

Watch the video tutorial on [Creating Your Own Userview Theme](#).

This section will show you how to create a userview theme. Before proceeding, make sure that you have completed [Building from Source](#).

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Create New Maven Project

1. Download [wflow-plugin-archetype.zip](#).
2. Create a new project using the following instructions:

```
D:\sample>"D:\wflow-plugin-archetype\create-plugin.bat" org.joget.sample sample-plugin-pack
[INFO] Scanning for projects...
[INFO] Searching repository for plugin with prefix: 'archetype'.
[INFO] -----
[INFO] Building Maven Default Project
[INFO]   task-segment: [archetype:generate] (aggregator-style)
[INFO] -----
[INFO] Preparing archetype:generate
[INFO] No goals needed for project - skipping
[INFO] [archetype:generate (execution: default-cli)]
[INFO] Generating project in Interactive mode
[WARNING] Archetype not found in any catalog. Falling back to central repository (http://repo1.
[WARNING] Use -DarchetypeRepository=<your repository> if archetype's repository is elsewhere.
[INFO] snapshot org.joget:wflow-plugin-archetype:3.0-SNAPSHOT: checking for updates from wflow-
[INFO] snapshot org.joget:wflow-plugin-archetype:3.0-SNAPSHOT: checking for updates from snapsh
[INFO] Using property: groupId = org.joget.sample
[INFO] Using property: artifactId = sample-plugin-pack
[INFO] Define value for property 'version': 1.0-SNAPSHOT: 3.0-SNAPSHOT_
```

3. When you are ready, open your project in your Netbeans.

Create a New Userview Theme File

1. Create a new Java file to be used for the userview theme.

```
1
2 import org.joget.apps.userview.model.UserviewTheme;
3
4 /*
5  * To change this template, choose Tools | Templates
6  * and open the template in the editor.
7  */
8
9 /**
10  *
11  * @author Hugo Lim
12  */
13 public class GreenTheme extends UserviewTheme{
14
15     @Override
16     public String getCss() {
17         String css = AppUtil.readPluginResource(getClassName(), "/resources/themes/default/default.css");
18         css += getPropertyString("css");
19         css = css.replaceAll("@@contextPath@", getRequestParameterString("contextPath"));
20         return css;
21     }
22
23     @Override
24     public String getJavascript() {
25         return getPropertyString("js");
26     }
27
28     @Override
29     public String getHeader() {
30         if (getPropertyString("customHeader") != null && getPropertyString("customHeader").trim().length() > 0) {
31             return getPropertyString("customHeader");
32         }
33         return null;
34     }
35
36     @Override
37     public String getFooter() {
38         if (getPropertyString("customFooter") != null && getPropertyString("customFooter").trim().length() > 0) {
39             return getPropertyString("customFooter");
40         }
41         return null;
42     }
43 }
```

2. You may copy implementation codes from the existing Default Theme in the wflow-core project.

Copy Resources From Existing Themes

1. Create your theme files in "src/main/resources/themes/green/".
2. Copy the properties definition file from "wflow-core/src/main/resources/properties/userview/defaultTheme.json".
3. Copy the message file from "wflow-consoleweb/src/main/resources/message/userview".

Customize Your Theme

Make the necessary changes in naming in order to reflect your new theme.

Activate Your Theme

In Activator.java, add the newly created userview theme class to the BundleActivator activation list.

```

1 package org.joget.sample;
2
3 import java.util.ArrayList;
4 import java.util.Collection;
5 import org.osgi.framework.BundleActivator;
6 import org.osgi.framework.BundleContext;
7 import org.osgi.framework.ServiceRegistration;
8
9 public class Activator implements BundleActivator {
10
11     protected Collection<ServiceRegistration> registrationList;
12
13     public void start(BundleContext context) {
14         registrationList = new ArrayList<ServiceRegistration>();
15
16         //Register plugin here
17         registrationList.add(context.registerService(GreenTheme.class.getName(), new GreenTheme(), null));
18     }
19
20     public void stop(BundleContext context) {
21         for (ServiceRegistration registration : registrationList) {
22             registration.unregister();
23         }
24     }
25 }

```

Build and Upload the Plugin

When you are ready, build and upload the plugin to the **Manage Plugins** section of "System Settings" in your Joget console.

Joget Workflow Enterprise

Home | 1 Setup Users | 2 Design Apps | 3 Run Apps | 4 Monitor Apps

Reload Plugins | **Upload Plugin**

Filter by Type

<input type="checkbox"/>	Plugin Name	Plugin Description	Plugin Version
<input type="checkbox"/>	AJAX Sub Form	AJAX Sub Form Element	3.0.0
<input type="checkbox"/>	Admin Userview Permission		3.0.0
<input type="checkbox"/>	Advanced Form Data Binder	Retrieves data rows from a	3.0.0
<input type="checkbox"/>	Anonymous Userview Permission		3.0.0
<input type="checkbox"/>	App Message Hash Variable		3.0.0
<input type="checkbox"/>	Assignment Complete Button	Assignment Complete Butt	3.0.0
<input type="checkbox"/>	Assignment Withdraw Button	Assignment Withdraw Butt	3.0.0
<input type="checkbox"/>	Bean Shell Form Binder	Executes standard Java sy	3.0.0
<input type="checkbox"/>	Bean Shell Tool	Executes standard Java sy	3.0.0
<input type="checkbox"/>	CRUD Menu		3.0.0

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Uninstall Plugin

After uploading the plugin, preview the newly created userview theme in one of your apps.

CRM: Sales Force Automation

Sales Force Automation

Logout

Home

Welcome

Accounts

Account List (0)

New Account

Contacts

Contact List (0)

New Contact

Opportunities

Opportunity List (0)

New Opportunity

Proposal Process

Task Inbox (0)

New Proposal Approval

More Leads, More Sales, More Customers Business CRM

CRM helps your business communicate with prospects, share sales information, close deals and keep customers happy.



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