

Fiori Launchpad **Plugins**

CUSTOMER

Disclaimer

- The information in this presentation is confidential and proprietary to SAP and may not be disclosed without the permission of SAP. Except for your obligation to protect confidential information, this presentation is not subject to your license agreement or any other service or subscription agreement with SAP. SAP has no obligation to pursue any course of business outlined in this presentation or any related document, or to develop or release any functionality mentioned therein.
- This presentation, or any related document and SAP's strategy and possible future developments, products and or platforms directions and functionality are all subject to change and may be changed by SAP at any time for any reason without notice. The information in this presentation is not a commitment, promise or legal obligation to deliver any material, code or functionality. This presentation is provided without a warranty of any kind, either express or implied, including but not limited to, the implied warranties of merchantability, fitness for a particular purpose, or non-infringement. This presentation is for informational purposes and may not be incorporated into a contract. SAP assumes no responsibility for errors or omissions in this presentation, except if such damages were caused by SAP's intentional or gross negligence.
- All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

Extending Fiori Launchpad – UI Plugins

Plug-ins allow you to extend the functionality of the launchpad

Plugins:

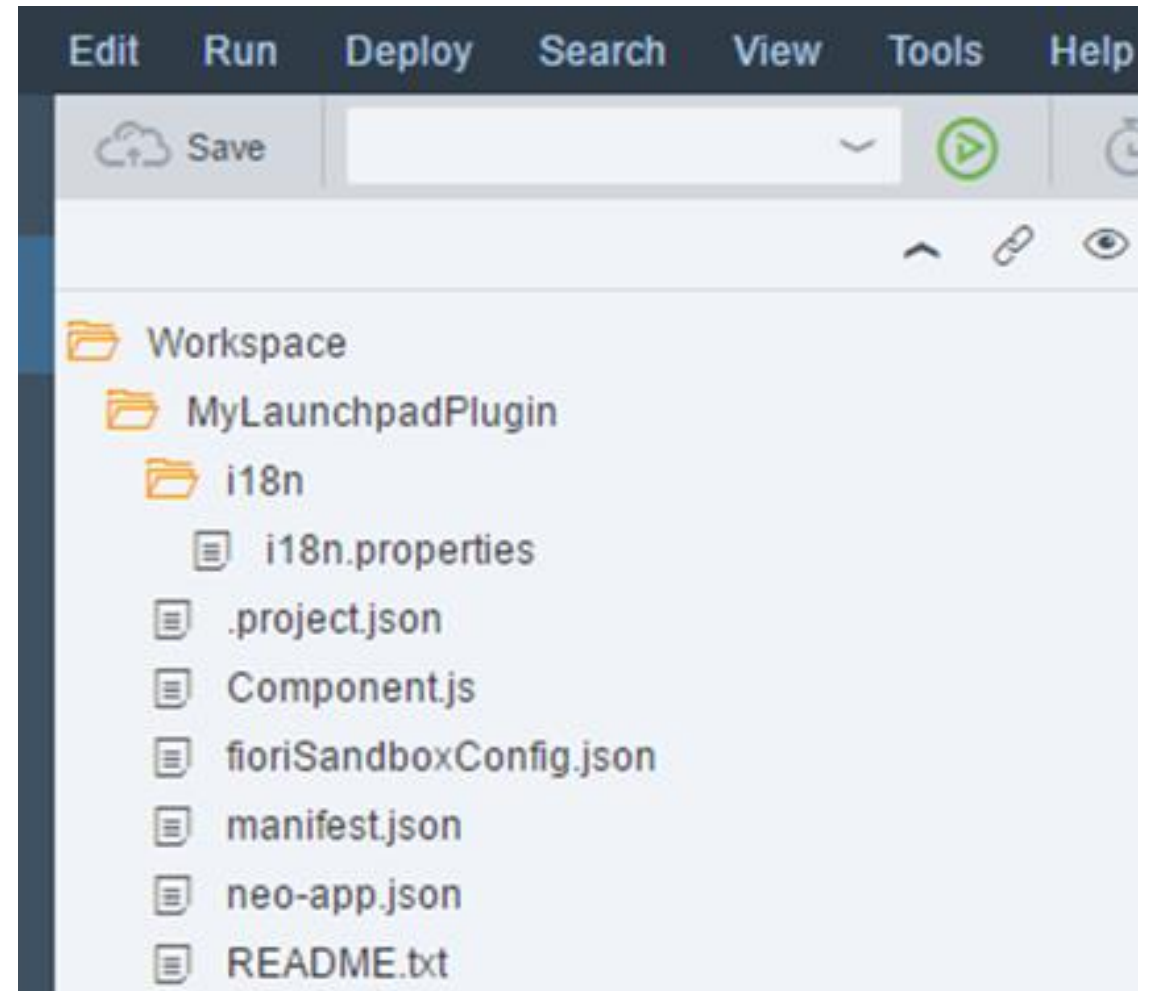
- ❑ Are automatically loaded and initialized when the launchpad is started.
- ❑ Implemented as SAPUI5 components.
- ❑ Shall always be implemented in a platform-independent way.

The image shows a screenshot of the SAP Fiori Launchpad interface. The top navigation bar includes the SAP logo, user information (Client: 400 / Javier Baltazar), and a 'Home' dropdown. Below the navigation bar, there are several tiles representing different applications: 'Procurement Overview', 'Custom CDS Views (Maintain)', 'Custom Analytical Queries (Manage)', 'My Inbox All Items' (with a '29' notification), 'TEST', 'Custom Fields and Logic', 'Custom Business Objects', 'Manage Journal Entries', and 'Manage Workflows'. To the right of the launchpad, the Chrome DevTools network tab is open, showing a list of requests. The 'Component.js' request is selected, and its response is visible in the 'Response' pane. The response is a JavaScript object with a 'ui.define' function and a 'return Component.extend' call. The 'Console' pane is also open, showing 'What's New' updates for Chrome 72.

Extending Fiori Launchpad – UI Plugins

Developing a plug-in involves the following steps:

- ❑ Implementing the plug-in.
- ❑ Activating and configuring the plug-in.



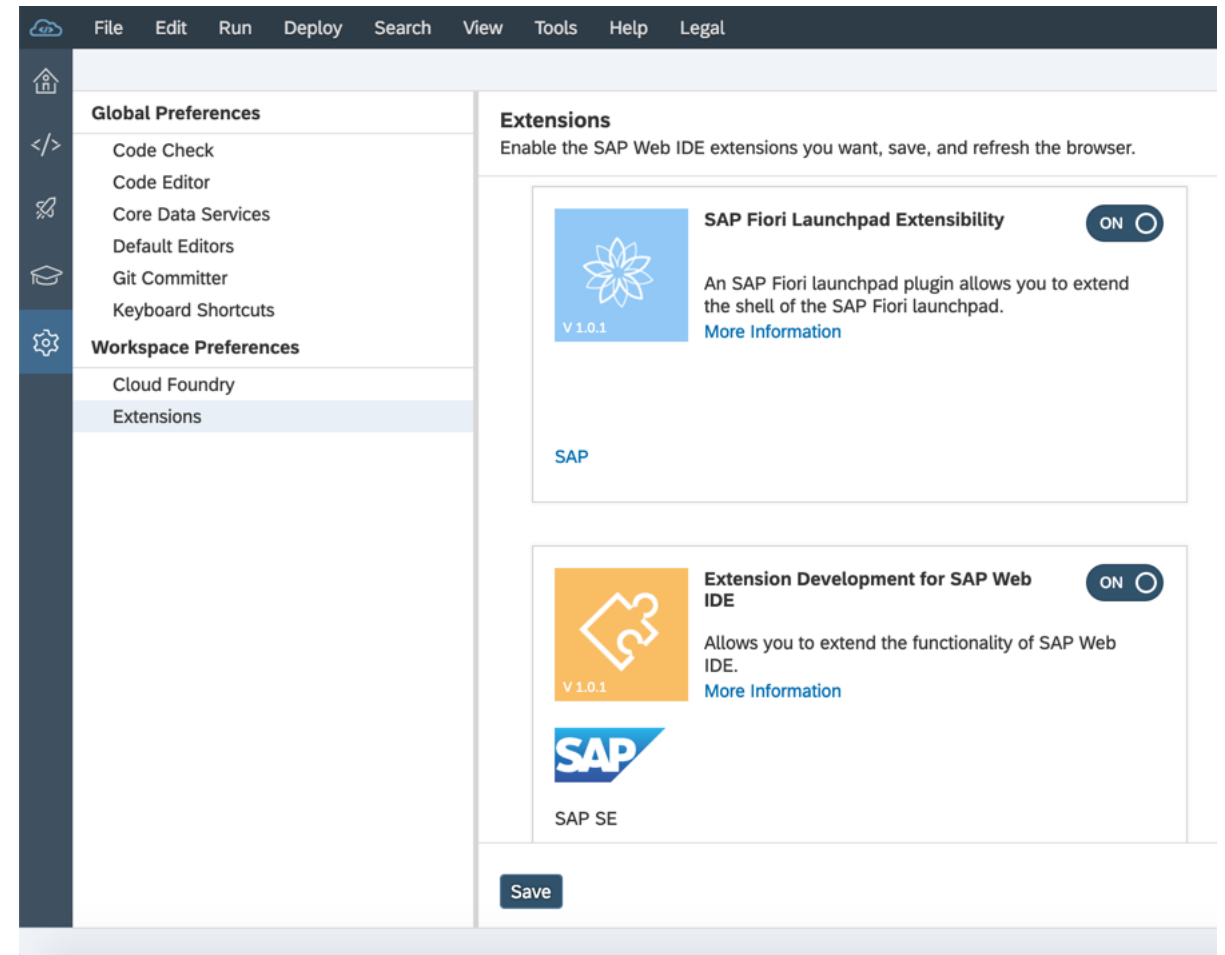
UI Plugins – Implementing the Plugin

Use WebIDE Template

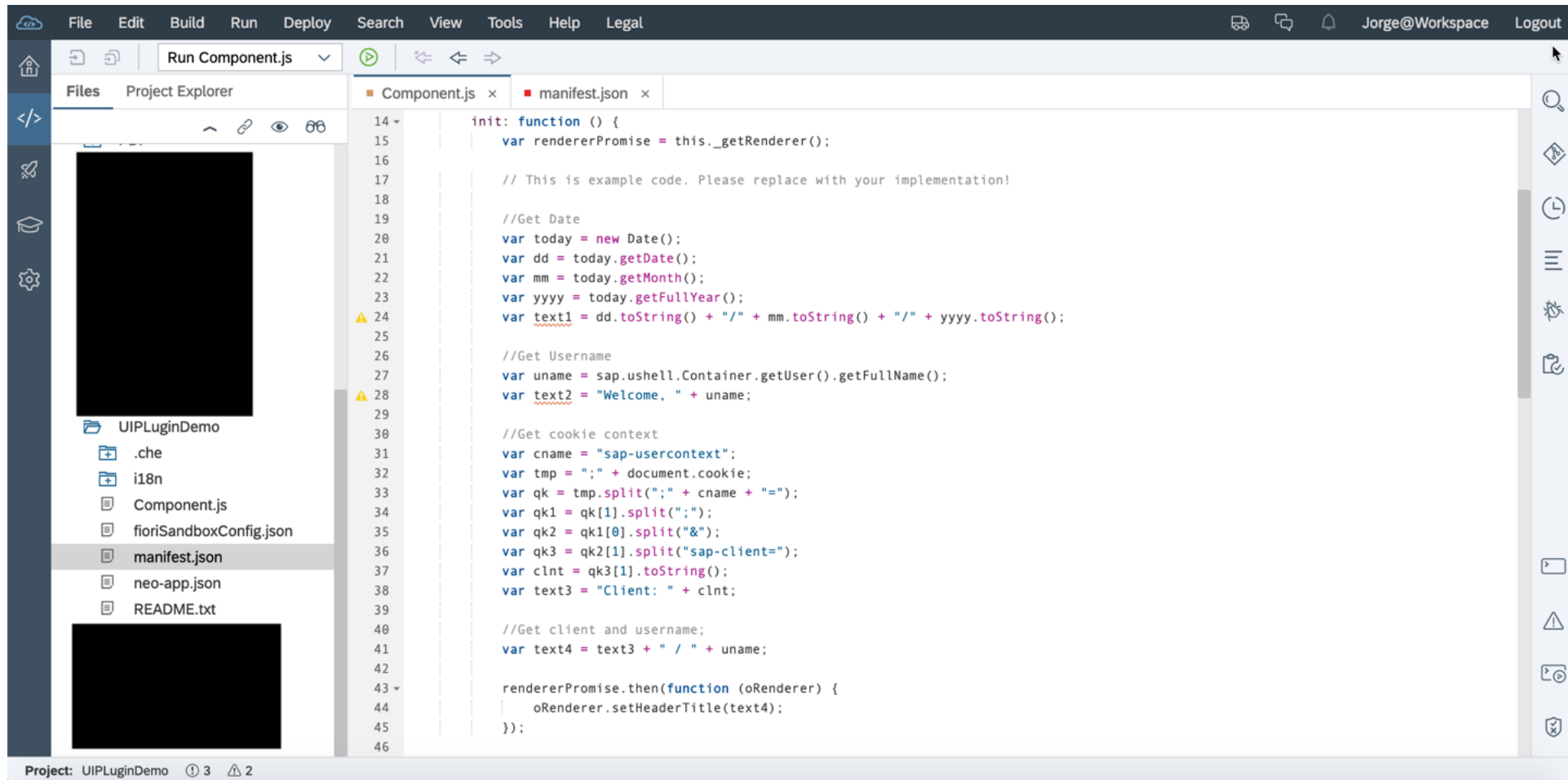
- Template is available in SAP WebIDE Full Stack
- Not available in SAP WebIDE Personal Edition
- Will create all required objects:
 - Component.js
 - Manifest.json

Requires activation of WebIDE Extension

- Fiori Launchpad Extensibility



UI Plugins – Implementing the Plugin

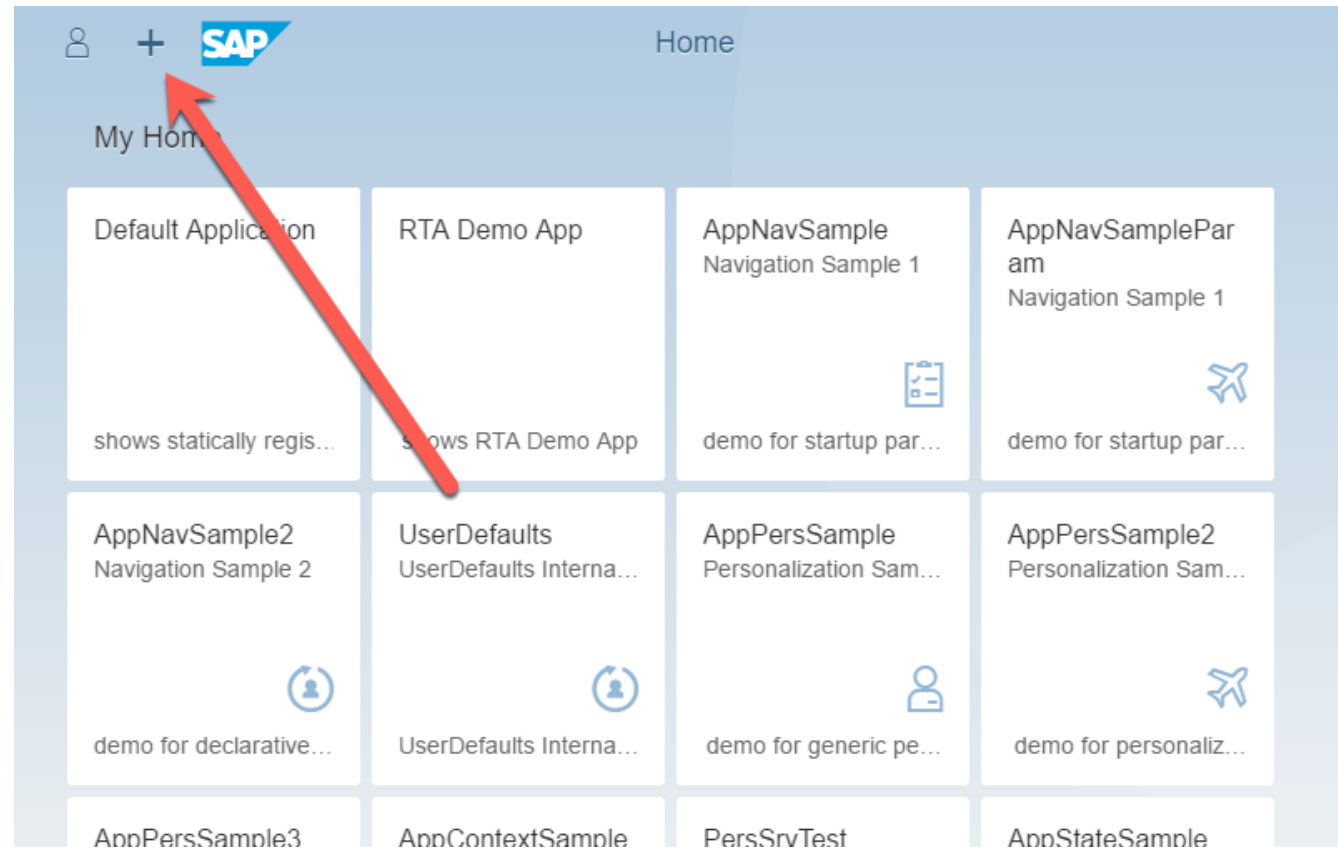


- ❑ Use the generated Renderer function to ensure proper loading at runtime
- ❑ Add your custom code in the “init function”

UI Plugins – Testing the Plugin

You can test your plugin in WebIDE Fiori Launchpad Sandbox

1. Right-click on project folder.
2. In the context menu, choose **Run → Run Configurations...**
3. To add a configuration, click on the **+** icon, then choose **SAP Fiori Launchpad Sandbox**.
4. On the **General** tab, in the **Name** field, select **/fioriSandboxConfig.json**.
5. On the **URL Components** tab, in the **URL Hash Fragment** field, enter **#Shell-home**.
6. Choose **Save and Run**.



UI Plugins – Activating and configuring the Plugin

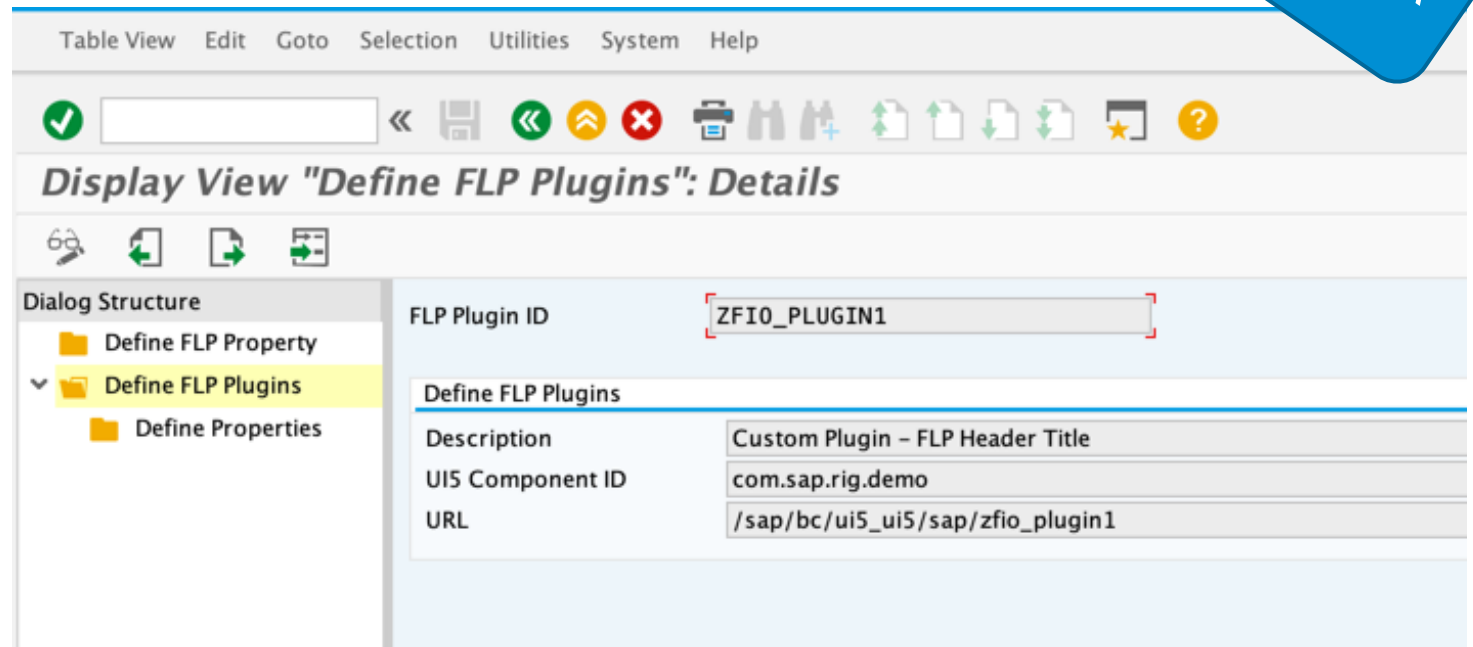
ABAP FLP Configuration is recommended for S/4HANA 1809 or higher

To configure the Plugin use transaction:

/UI2/FLP_CONF_DEF

Define configuration of:

- ❑ Plugin ID
- ❑ Description
- ❑ UI5 Component ID
- ❑ URL



UI Plugins – Activating and configuring the Plugin

ABAP FLP Configuration is recommended for S/4HANA 1809 or higher

To activate the Plugin use transaction:

/UI2/FLP_SYS_CONF

/UI2/FLP_SYS_CONF

Define status:

- ACTIVE
- DISABLED

The screenshot shows the SAP S/4HANA configuration interface for FLP Plugins. The title bar reads "Display View 'FLP Plugins': Overview". The interface includes a toolbar with various icons for navigation and actions. On the left, a "Dialog Structure" pane shows a tree view with "FLP Configuration" and "FLP Plugins" (selected) containing a "Configuration" sub-item. The main area displays a table with the following data:

FLP Plugin ID	Activity State
ZFIO_PLUGIN1	Active

UI Plugins – Activating and configuring the Plugin

For versions lower than S/4HANA 1809

You can alternatively set Target Mapping configuration and assign to PFCG role

Field	Value
Semantic Object	Shell
Action	plugin
Application Type	SAP UI5 Fiori App
Title	Enter a meaningful title for your plug-in.
URL	Enter the the root path to the location where the Component . js file is located, without the file name itself.
Component	Enter the name of the component which is used for loading and instantiation. This is the name of the component's module without <i>.Component</i> . For more details on this, see Components .
Information	Optional: Enter a description of your plug-in.
Device Types	All device types must be selected.
Parameters	Define parameters that you want to pass to the plug-in component by entering a name and a default value for each parameter.

[Link](#)

Thank you.