

# Process Tool/ Post Form Submission Processing Plugin

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## Usages

- **Process Tool Plugin** is used for integrating with external systems or make extra processing in the middle of a process. Please refer to [Process Tool Mapping](#).
- **Post Form Submission Processing Plugin** is used for integrating with external systems or make extra processing after a form is saved. Please refer to [Form Builder - Properties](#).
- Process Tool Plugin and Post Form Submission Processing Plugin are equally same.
- A useable Process Tool Plugin and Post Form Submission Processing Plugin must extends [org.joget.plugin.base.DefaultApplicationPlugin](#) abstract class.

## Abstract Class

### org.joget.plugin.base.DefaultApplicationPlugin

- Under wflow-plugin-base module
- Extended [org.joget.plugin.base.ExtDefaultPlugin](#). Please refer to [Plugin Base Abstract Class and Interface](#).
- Implemented [org.joget.plugin.property.model.PropertyEditable](#). Please refer to [Plugin Base Abstract Class and Interface](#).
- A base abstract class to develop a Process Tool Plugin and Post Form Submission Processing Plugin.

### Method Detail

#### Abstract Methods

[execute](#)

```
public abstract java.lang.Object execute(java.util.Map props)
```

To execute the extra processing.

A [org.joget.workflow.model.WorkflowAssignment](#) object is passed as "workflowAssignment" property when it is available.

***Return*** is not used for now.

## Plugin Properties Options

- Please refer to [Plugin Properties Options](#) for more information.

## Tutorials

- [Guideline for developing a plugin](#)
- [How to develop a Slack Webhook Tool](#)

## Related Community Plugins

- **Bean Shell Tool**  
[org.joget.apps.app.lib.BeanShellTool](#) (wflow-core)
- **Database Update Tool**  
[org.joget.apps.app.lib.DatabaseUpdateTool](#) (wflow-core)
- **Email Tool**  
[org.joget.apps.app.lib.EmailTool](#) (wflow-core)
- **Json Tool**  
[org.joget.apps.app.lib.JsonTool](#) (wflow-core)