

# Web Service Plugin



Introduced in v5, the API Domain Whitelist setting in [General Settings](#) needs to be configured to allow JSON API requests. If a request is from a non-whitelisted domain, the response will be a HTTP 400 Bad Request.

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## Usages

- Used to provide additional HTML page or Web Service for AJAX call for the system.
- A usable Web Service Plugin need to extends `org.joget.plugin.base.ExtDefaultPlugin` abstract class and implements `org.joget.plugin.base.PluginWebSupport` interface.
- Web Service Plugin can be any plugin from other plugin types which implemented `org.joget.plugin.base.PluginWebSupport` interface.

## Interface

### `org.joget.plugin.base.PluginWebSupport`

- Under `wflow-plugin-base` module
- Interface for Web Service Plugin

### Method Detail

#### Interface Methods

`webService`

```
public void webService(javax.servlet.HttpServletRequest request, javax.servlet.HttpServletResponse response) throws javax.servlet.ServletException, java.io.IOException
```

Work similar to a Servlet.

## URL Pattern

### `{Context Path}/web/json/plugin/{Plugin Class Name}/service`

- Example: `http://localhost:8080/jw/web/json/plugin/org.joget.sample.lib.SimpleFormElement/service?say_something=Hello World`

### `{Context Path}/web/json/app/{App Id}/{App Version}/plugin/{Plugin Class Name}/service`

- Example: `http://localhost:8080/jw/web/json/app/crm/1/plugin/org.joget.sample.lib.SimpleFormElement/service?say_something=Hello World`
- This pattern allowed you to retrieve app definition in your implementation by using this code:

```
AppDefinition appDef = AppUtil.getCurrentAppDefinition();
```

## Plugin Properties Options

- Does not support.

## Tutorials

- [Guideline for developing a plugin](#)
- [How to develop a JDBC Options Binder](#)
- [How to develop a JDBC Form Load Binder](#)
- [How to develop a JDBC Form Store Binder](#)
- [File Upload Form Element Integrated with Amazon S3](#)
- [How to develop a Slack Webhook Tool](#)
- [How to develop a Slack Notification plugin](#)
- [How to develop an Amazon S3 Datalist Binder](#)

## Related Community Plugins

- **Department Permission**  
org.joget.apps.userview.lib.DepartmentPermission (wflow-core)
- **Email Tool**  
org.joget.apps.app.lib.EmailTool (wflow-core)
- **Group Permission**  
org.joget.apps.userview.lib.GroupPermission (wflow-core)
- **Inbox**  
org.joget.apps.userview.lib.InboxMenu (wflow-core)
- **Organization Permission**  
org.joget.apps.userview.lib.OrganizationPermission (wflow-core)
- **Run Process**  
org.joget.apps.userview.lib.RunProcess (wflow-core)
- **Subform**  
org.joget.apps.form.lib.SubForm (wflow-core)
- **User Notification**  
org.joget.apps.app.lib.UserNotificationAuditTrail (wflow-core)
- **User Permission**  
org.joget.apps.userview.lib.UserPermission (wflow-core)