

# 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.

- [Usages](#)
- [Interface](#)
  - [org.joget.plugin.base.PluginWebSupport](#)
    - [Method Detail](#)
      - [Interface Methods](#)
        - [webService](#)
- [URL Pattern](#)
  - [\(Context Path\)/web/json/plugin/{Plugin Class Name}/service](#)
  - [\(Context Path\)/web/json/app/{App Id}/{App Version}/plugin/{Plugin Class Name}/service](#)
- [Plugin Properties Options](#)
- [Tutorials](#)
- [Related Community Plugins](#)

## 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](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](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)