

jAPS 2.0 - Plugin Share With Do It The jAPS Way

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jAPS 2.0 - Plugin Share With

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Abstract

Documentation Plugin Share With

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Chapter 1. Scopof the document

Introduction

The purpose of this document is to provide a complete description of the Plugin "Share With" (jpsharewith) structure.

Target Audience

This document is intended for those who wish to know the capabilities of the jAPSPlugin "Share With" (jpsharewith) and is considering the possible integration into a running production environment or in its Development Environment (IDE Eclipse Project).

The document is addressed to both System Administrators and java Developers.

Prerequisites

In order to take maximum advantage from the present document, it is necessary to have basic knowledge about:

- jAPS 2.0 and its architecture
- Page Models and Showlets in jAPS 2.0
- SQL language and PostgreSQL

Resources

Additional informations may be obtained through the following mailing-lists:

- <japs-devs@lists.sourceforge.net>, focused on developers
- <japs-users@lists.sourceforge.net>, focused on final users

Is it also possible to refer to the documentation found in the:

jAPS 2.0 Project - Developer Website [<http://dev.japsportal.org/>]

Chapter 2. Specifications

Specifications

The target of the Share With Plugin is to create shortcuts, useful to users, that allow sharing jAPS pages with social network.

The module in for of Showlet. Through CMS will be possible to publish Share With - Condividi Con Showlet in the pages Frames.

The Showlet will show in the page a list of links to the social network configurated sites. Each link will be *preconfigured* with the current URL and title of the page acting as a shortcut for bookmarking and posting in the external sites.

The list of the social networks, so the list of links, is customizable. See chapter *Configuration* for further informations.

Table 2.1. Summary of characteristics

Code	Name	Type	Plugin Version	jAPS 2.0 Version
jpsharewith	Share With	PurePlugin	1.1	2.0.10

Chapter 3. Installation and Integration

Installation and Integration

Technical Specification

This Plugin is a `PurePlugin`, its installation doesn't modify any existing system function already present.

It works through a `Showlet`.

The package

The package contains:

Readme	It is a brief description of the Plugin and its license
doc	The directory <code>doc</code> contains this document
src/java	The directory <code>src/java</code> contains the java source files
src/sql	The directory <code>src/sql</code> contains the SQL script to execute in your db
src/webapp	The directory <code>src/webapp</code> contains files to import in your existing project or portal

Installation in a Development Environment

To perform the installation in a development environment follow this procedure:

1. Execute the script `src/sql/portScript.sql` in the `Port` database of your application
2. Copy content from `src/webapp/` of the package in the directory `WebContent` of your project.
3. Copy content from `src/java/main/` of the package in the directory `src` of your project.

Js in Page Models

Ensure to have two `outputHeadInfo` tags in the Page Models (inside tag `head`) like following code

```
<wp:outputHeadInfo type="JS">
  <script type="text/javascript" src="<wp:resourceURL />static/js/<wp:printHeadInfo />" />
</wp:outputHeadInfo>
<wp:outputHeadInfo type="JS_RAW">
  <script type="text/javascript">
    <wp:printHeadInfo />
  </script>
</wp:outputHeadInfo>
```

Integration in Production Environment

Procedure for integration in a Production Environment is similar to Installation in a Development Environment procedure.

The only difference is to copy `src/webapp/` from the package in the root of deployed portal.

From now we will use the name `myportal` when referring to your deployed jAPS.

1. Execute `src/sql/portScript.sql` SQL script in your Port database (example `myportalPort`)
2. Copy content of `src/webapp/` of the provided package into `myportal/` directory (example `/usr/local/tomcat/webapps/myportal/`)
3. If necessary reload jAPS configuration from CMS or restart the webapp

Js in Page Models

Ensure to have two `outputHeadInfo` tags in the Page Models (inside tag head) like following code

```
<wp:outputHeadInfo type="JS">
  <script type="text/javascript" src="<wp:resourceURL />static/js/<wp:printHe
</wp:outputHeadInfo>
<wp:outputHeadInfo type="JS_RAW">
  <script type="text/javascript">
    <wp:printHeadInfo />
  </script>
</wp:outputHeadInfo>
```

Chapter 4. Configuration

It is possible to customize the list of social network.

Edit file `WebContent/resources/plugins/jpsharewith/static/js/jpsharewith_buttons.js` from your Eclipse project (or `myportal/resources/plugins/jpsharewith/static/js/jpsharewith_buttons.js` if working in already deployed webapp).

The plugin requires a JavaScript array of objects and every object with three properties: `title`, `link` and `image`.

title It's the name or the title of the external service. Example "Google Bookmarks" or "Facebook".

link It's the URL for needed for sharing the current page. You must parametrize the URL using two special characters: `$TITLE$` and `URL`. `$TITLE$` will return the title of page user is visiting and `URL` will return the full url of the page.

image It's the name of the image file placed in the title left side.

You have to put image files in `WebContent/resources/plugins/jpsharewith/static/img` directory of your Eclipse project (or `myportal/resources/plugins/jpsharewith/static/img` if working with a deployed webapp)

It's possible to add items to the list simply adding record to the JavaScript array. Every record is surrounded by curly brackets. Please see the following example.

Example 4.1. Array of services

```
var jpsharewith_buttons = [  
  {service1},  
  {service2},  
  {service3}  
];
```

Replace every service with a structure like this:

```
'title' : 'TITLE OF THE SERVICE',  
  'link'  : 'http://www.example.com/share?urlToShare=$URL$&titleToShare=$TITLE$',  
  'image' : 'example.png'
```

The resulting code is:

```
var jpsharewith_buttons = [  
  {  
    'title' : 'Service 1',  
    'link'  : 'http://www.site1.com/share?urlToShare=$URL$&titleToShare=$TITLE$',  
    'image' : 'serv1.png'  
  },  
  {  
    'title' : 'Service 2',  
    'link'  : 'http://www.site2.net/share?urlToShare=$URL$&titleToShare=$TITLE$',  
    'image' : 'serv2.png'  
  },  
  {  
    'title' : 'Service 3',  
    'link'  : 'http://www.site3.net/share?urlToShare=$URL$&titleToShare=$TITLE$',  
    'image' : 'serv3.png'  
  }  
];
```

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