Adding a Confluence Gadget to a JIRA Dashboard

JIRA 4.0 is the first major Atlassian application that can incorporate OpenSocial-compliant gadgets, such as Confluence gadgets onto its dashboard. This page explains how to add a Confluence gadget to the dashboard of a JIRA 4.0+ installation.

To add a Confluence gadget to a JIRA dashboard, complete the sections below in order.

On this page:

- Establish an OAuth or Trusted Application Relationship Between Confluence and JIRA
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Establish an OAuth or Trusted Application Relationship Between Confluence and JIRA

If your Confluence gadgets need to access user-restricted Confluence data, then your Confluence administrator must first establish either an OAuth relationship between your Confluence site (as a 'service provider' of gadgets) and the JIRA site (as a 'consumer' of your Confluence site's gadgets), or a trusted applications relationship between the two sites. For more information about configuring OAuth relationships between Confluence and other web applications, refer to Configuring OAuth.

If you only need to access anonymously accessible Confluence data, then you can proceed to Finding a Confluence Gadget's URL, below.

Finding a Confluence Gadget's URL

The Confluence gadget's URL is the gadget's XML specification file. These URLs look something like this:

http://example.com/my-gadget-location/my-gadget.xml

To find a Confluence gadget's URL,

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1. Go to the Confluence 'Administration Console'. To do this:
   - Open the 'Browse' menu and select 'Confluence Admin'. The 'Administrator Access' login screen will be displayed.
   - Enter your password and click 'Confirm'. You will be temporarily logged into a secure session to access the 'Administration Console'.
   - Click 'OAuth' from the 'Administration' section on the left navigation panel.
   - Click the 'Consumers' tab in the 'OAuth Administration' page.
   - Click the 'Add OAuth Consumer' link.
   - Enter the JIRA server's URL into the 'Consumer Base URL' field.
   - Click the 'Add' button. The JIRA server's consumer information is added as a new record into Confluence's consumers list.

   If this step did not work (for instance, because the JIRA server might be temporarily offline) but you have access to the necessary OAuth consumer information for the JIRA server (that is, the OAuth 'consumer key' and 'public key'/self-signed certificate), try the following steps:
   a. Enter the JIRA server's consumer information details manually into the relevant fields:
      - **Consumer Key** — The JIRA server's consumer key. This field is mandatory and its contents must match the consumer key supplied by the JIRA server.
      - **Name** — Any descriptive name for the JIRA server. This field is mandatory, although the exact wording and format of the JIRA server's name is your choice. It is prudent to be accurate, however, as this name will be shown to your Confluence users whenever they grant permission for a Confluence gadget (on the JIRA server's dashboard) to access the Confluence server's resources.
      - **Description** — A short description of the application. By convention, it is useful to include the name of the application and if applicable, its URL, somewhere within the description.
      - **Public Key** — The application's public key or self-signed certificate. This field is mandatory and its contents must match the public key or self-signed certificate supplied by the JIRA server.
      - **Callback URL** — JIRA server's usually supply their own callback URL when receiving an OAuth request token. Hence, this field can be left blank.
   b. Click the 'Add' button. If all the information is valid (in particular, the public key format), then the application's consumer information is added as a new record into your Atlassian application's consumers list.

   If you wish to add the same or any other Confluence gadget to the same JIRA server's dashboard, then you do not have to repeat this procedure.

   In rare circumstances, where the JIRA server's consumer details may change (for example, as a result of the JIRA server acquiring a new OAuth Consumer Key, 'Name' or Public Key), then you will need to repeat this procedure once again.

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1. Open the 'Browse' menu and select 'Confluence Gadgets'. The 'Confluence Gadgets' window will open. The 'Confluence Gadgets' window displays a list of available Confluence gadgets in your Confluence installation, as shown in the screenshot below.

By default, Confluence only includes a few gadgets. However, if your Confluence administrator has installed more Confluence gadgets (typically as Confluence plugins), these will also appear in this list. If a scrollbar is available, use it to find the gadget you want.

2. After finding your gadget, use the 'Gadget URL' link to copy the gadget's URL to your clipboard. Many operating systems and browsers allow you to do this by right-clicking the 'Gadget URL' link and copying it using the context menu.

Adding a Confluence Gadget to a JIRA server's Gadgets Directory

To add a Confluence Gadget to the Gadgets Directory in JIRA,

1. Go to the dashboard by clicking the 'Dashboard' link or the 'Home' link at the top left of the screen.
2. The dashboard will appear. Click 'Add Gadget'.
3. The 'Add Gadget' screen appears, showing the list of gadgets in your directory. See screenshot 1 below. Click 'Add Gadget to Directory'.

You will only see this button if you have administrator permissions for your dashboard.

4. The 'Add Gadget to Directory' screen appears. See screenshot 2 below. Paste the gadget URL (which you copied to your clipboard above) into the text box.
5. Click 'Add Gadget'.
6. The gadget appears in your gadget directory. (It will be highlighted for a short time, so that you can see it easily.)
Adding a Confluence Gadget to the JIRA Dashboard

In the procedure below, 'your Atlassian dashboard' and 'your Atlassian application' refers to the JIRA Dashboard and application, respectively.

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