**Integration of Github and JIRA**

### Step 1. Create an OAuth access token for your GitHub account

1. Log in to GitHub as a user with admin permissions on the account.
2. Choose **Edit Your Profile**.
3. Select **OAuth Applications**.
4. Select the **Developer Applications** tab.
5. Choose **Register new OAuth application**.
6. Enter a name for **Application Name**.
7. Enter the Jira Software URL for both the **URL** and **Callback URL** fields. Press **Register Application**.

Make sure you enter the **Jira Software Base URL** (for example, https://myjiracloud.atlassian.net/) for both the **Homepage URL** and **Authorization callback URL** fields. Don't use the dashboard URL, such as https://myjiracloud.atlassian.net/secure/Dashboard.jspa.

See [JSWSERVER-14228](https://jira.atlassian.com/browse/DCON-467?src=confmacro) - Entering mismatched URL for GIT causes error **CLOSED**

For Jira 6.2, the URL to use is https://myjiracloud.atlassian.net/plugins/servlet/oauth/authorize.

1. Keep your browser open at your GitHub account while you go on with the next step.

### Step 2. Add the OAuth token in Jira Software

After you create a key and secret in GitHub, you go back to Jira Software and enter the account, the OAuth key, and secret as follows:

1. Log in to Jira Software as a user with admin permissions.
2. From the Jira Software dashboard click the cog (settings) icon.
3. Choose **Applications**.
4. From the **Integrations**section on the left, choose**DVCS accounts**.
5. Click **Link Bitbucket Cloud or GitHub** **account**.
6. Choose 'GitHub' as the **Host**value.
7. Enter a **Team or User Account**name.
8. Copy the **Client ID** and **Client Secret** values from your GitHub site into the dialog.
9. Leave the default auto link and Smart Commits (recommended) as is or change them.
10. Click **Add**. If you get redirected to a blank page at this point, see [DVCS connection to GitHub produces blank page](https://confluence.atlassian.com/display/ONDEMANDKB/DVCS+connection+to+Github+produces+blank+page).
11. Grant access when prompted.
12. When Jira connects successfully, you'll see your account on the 'DVCS accounts' page.

## Example of how commit information appears in a Jira Software project

When a developer makes a commit, they should add a Jira Software issue key to the commit message, like this:

git commit -m "PROJ-123 add a README file to the project."

git push origin <branchname>