

Git Snippets Documentation

Git Snippets allows you to include pieces of code from your Git repository into Confluence pages.

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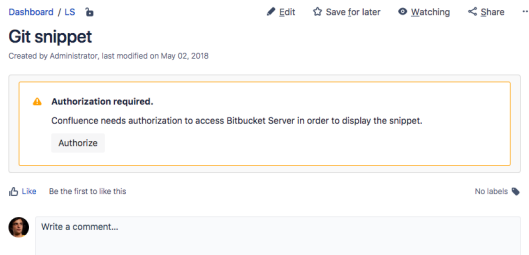
Download [Git Snippets for Confluence](#) from the Atlassian Marketplace and try it for free!

Bitbucket Server Requirements

Git Snippets requires an Application Link or an Access Token in order work with Bitbucket Server. Note: If both an Application Link and an Access Token are configured for a Bitbucket Server instance, your users will be able to choose between the two in the Git Snippets macro.

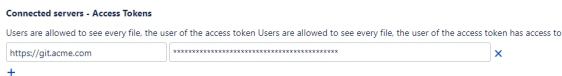
Application Link

Go to the *Confluence Administration Application Links* and follow the [Documentation](#) to create an Application Link to Bitbucket. After that, the users will get a one-time authorization message when they want to see or add a Git snippet if they haven't authorized Bitbucket yet.



Access Token

If you can't create an Application Link to your Bitbucket Server instance, or want to make Git Snippets available for anonymous users, you can also configure a [Bitbucket Server access token](#). To make Git Snippets use a such a token, you need to go to your Bitbucket instance *Manage Account Personal Access Tokens* and create one. Then go to *Confluence Administration Git Snippets Settings* and insert your token together with the address of your Bitbucket Server instance.



Bitbucket Cloud Requirements

No steps are required to use public repositories from [bitbucket.org](#).

For private repositories you need to add a Bitbucket username and app password. Log in to [bitbucket.org](#) and go to *Settings App Passwords*. Create a new password and check the Read permission for repositories.

Add app password

Details

Label

Permissions

- | | | | |
|------------------------|--|----------------------|---|
| Account | <input type="checkbox"/> Email | Pull requests | <input type="checkbox"/> Read |
| | <input type="checkbox"/> Read | | <input type="checkbox"/> Write |
| | <input type="checkbox"/> Write | Issues | <input type="checkbox"/> Read |
| Team membership | <input type="checkbox"/> Read | | <input type="checkbox"/> Write |
| | <input type="checkbox"/> Write | Wikis | <input type="checkbox"/> Read and write |
| Projects | <input type="checkbox"/> Read | Snippets | <input type="checkbox"/> Read |
| | <input type="checkbox"/> Write | | <input type="checkbox"/> Write |
| Repositories | <input checked="" type="checkbox"/> Read | Webhooks | <input type="checkbox"/> Read and write |
| | <input type="checkbox"/> Write | | |
| | <input type="checkbox"/> Admin | Pipelines | <input type="checkbox"/> Read |
| | <input type="checkbox"/> Delete | | <input type="checkbox"/> Write |
| | | | <input type="checkbox"/> Edit variables |

Copy the generated password and go to *Confluence Administration Git Snippets Settings* and insert your username and app password in the Bitbucket.org section.

Manage Application Links

Bitbucket.org

Username

Enter your Bitbucket Cloud username if you want to access private repositories on bitbucket.org.

App Password

Enter your Bitbucket Cloud app password for the user above. To create a new password, go to the bitbucket.org app passwords page

Github.com

Personal Access Token

Github requirements

In order for Git Snippets to work with [Github](#), you need a Github account with which the Git Snippets macro will make the requests to get the code from Github. Git Snippets will need a [personal access token](#), you can create with your Github account. Then go to *Confluence Administration Git Snippets Settings* and insert your token.

App Password

Enter your Bitbucket Cloud app password for the user above. To create a new password, go to the bitbucket.org app passwords page

Github.com

Personal Access Token

Enter your Github personal access token in order to use code snippets from github.com. To create a new token, go to the Github personal access tokens page

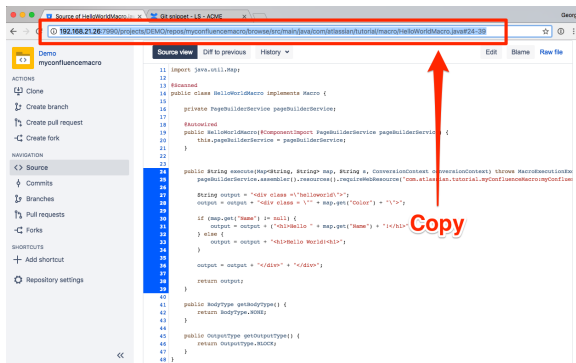
Save

Git snippet macro

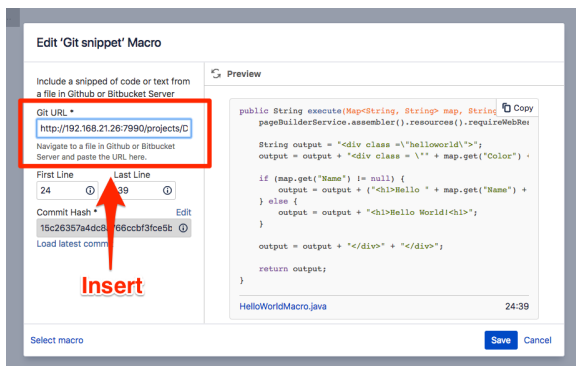
With the Git snippet macro, you can insert code from Bitbucket Server or Github into a Confluence page.

Inserting a snippet

To add a snippet, browse to a file in the web frontend of Bitbucket Server or Github, select the lines you want to display in Confluence (if you don't select the lines, the whole file will be displayed) and copy the URL.



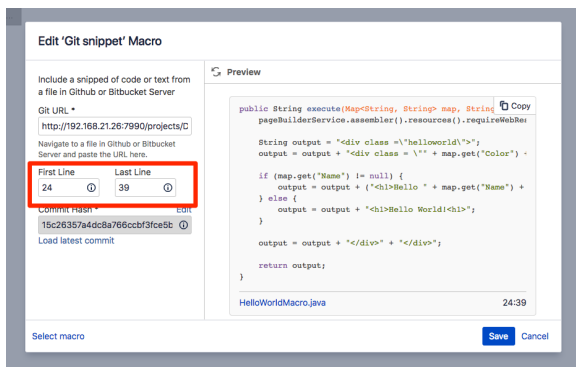
Then go to a Confluence page, add the Git snippet macro and paste the URL you just copied.



You should now see the selected code as a snippet in the macro preview. Click Save to insert the macro.

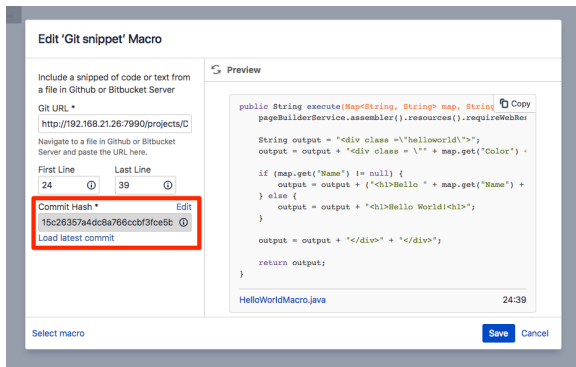
Updating the line numbers

The line numbers will be extracted automatically from the URL, but you can change them afterwards at any time.



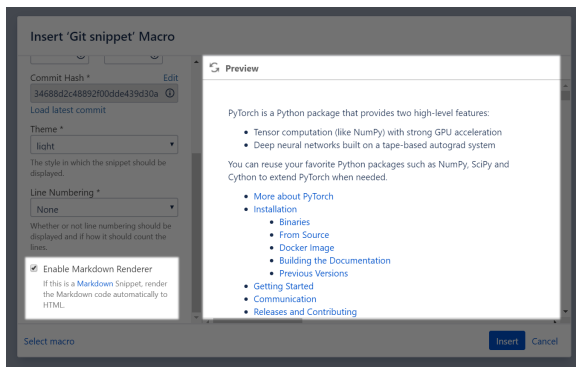
Updating the commit hash

The commit hash is automatically inserted when you paste an URL. When the code changes in the repository, the commit hash will differ from the one stored in the macro and Git snippets will try to show the correct snippet. even though the line numbers might have changed. You can update to the latest commit by clicking *Load latest commit*.



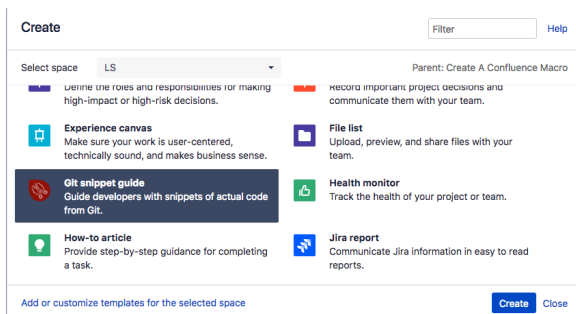
Enabling the Markdown Renderer

If the snippet you are including is a Markdown file, you can choose to render it directly as HTML instead of displaying the Markdown as a code block. Settings like "Theme" and "Line Numbering" will affect the code blocks that are generated from that snippet.



Git snippet guide blueprint

With the Git snippet guide blueprint, you can create step-by-step guides with Git snippet macros.



For example, you can use real code to document how to create a Confluence macro by pointing out the necessary steps like updating the plugin XML, creating a class, etc.

Create A Confluence Macro

Created by Administrator 38 minutes ago

SDK/libraries	CONFLUENCE
Level of experience	Beginner
Git repository	http://192.168.21.26:7990/projects/DEMO/repos/myconfluencemacro

On this page:

- Overview
- Step 1. Add a macro module
- Step 2. Create a macro class
- Step 3. Create a template
- Step 4. Create a template
- Step 5. Add JavaScript and CSS resources

Overview

This guide shows how to create a Confluence macro.

Step 1. Add a macro module

```
<!--!macro name="helloWorld" class="com.atlassian.tutorial.macro.HelloWorldMacro" key="helloWorld-macro" -->  
<description key="helloWorld-macro-desc"/>  
<parameters>  
  <parameter name="Name" type="string" />  
  <parameter name="Color" type="enum">  
    <value name="red"/>  
    <value name="green"/>  
    <value name="blue"/>  
  </parameter>  
</parameters>  
</!macro-->
```

atlassian-plugin.xml 24/34

Further Links

- Our [Git Snippets Service Desk](#) - is the best way to reach us if you have problems or would like to suggest a new feature.
- [Atlassian Community](#) with lots of answered questions.
- Contact [Lively Apps](#).
- All [information](#) on all our apps.