

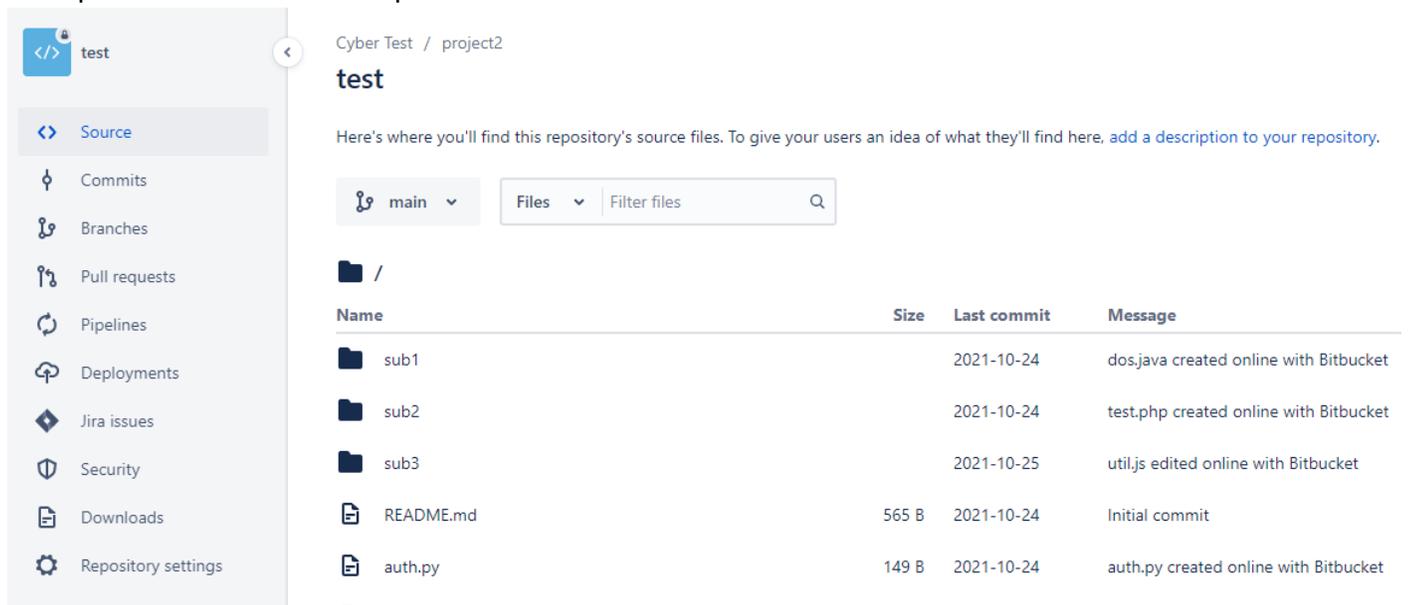
How to Scan BitBucket with Flawnter

For more details please visit <https://www.flawnter.com/documentation>

Scanning BitBucket repo files and folders for cloud-based platform

To scan source code files on BitBucket, from the menu select "File->Scan BitBucket". Then enter the information required. For public repo scanning there is no need for authorization, however there may be limitations on number of files allowed to scan set by BitBucket. To make sure there are no limitations you can enter your App password in Authorization section in the format username:password. Also all private repos require App password. You can read more about BitBucket App passwords from their documentation page <https://support.atlassian.com/bitbucket-cloud/docs/app-passwords>.

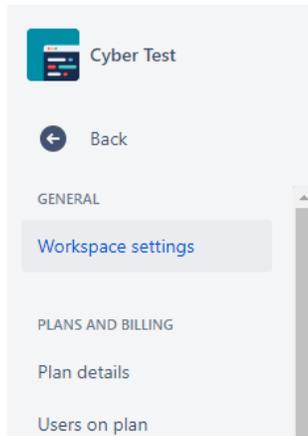
Example of BitBucket cloud repo:



The screenshot shows a BitBucket repository interface for a repository named 'test'. The left sidebar contains navigation options: Source, Commits, Branches, Pull requests, Pipelines, Deployments, Jira issues, Security, Downloads, and Repository settings. The main content area shows the repository path 'Cyber Test / project2' and the repository name 'test'. Below the repository name, there is a description: 'Here's where you'll find this repository's source files. To give your users an idea of what they'll find here, add a description to your repository.' The interface includes a branch selector set to 'main', a file filter dropdown set to 'Files', and a search box. A table lists the repository's contents:

Name	Size	Last commit	Message
sub1		2021-10-24	dos.java created online with Bitbucket
sub2		2021-10-24	test.php created online with Bitbucket
sub3		2021-10-25	util.js edited online with Bitbucket
README.md	565 B	2021-10-24	Initial commit
auth.py	149 B	2021-10-24	auth.py created online with Bitbucket

Example of Workspace ID location:



Cyber Test

Workspace settings

Workspace name* Cyber Test

Workspace ID **cybertestwid** (change)

Changes repository URLs. [Learn more](#)

Privacy Keep this workspace private

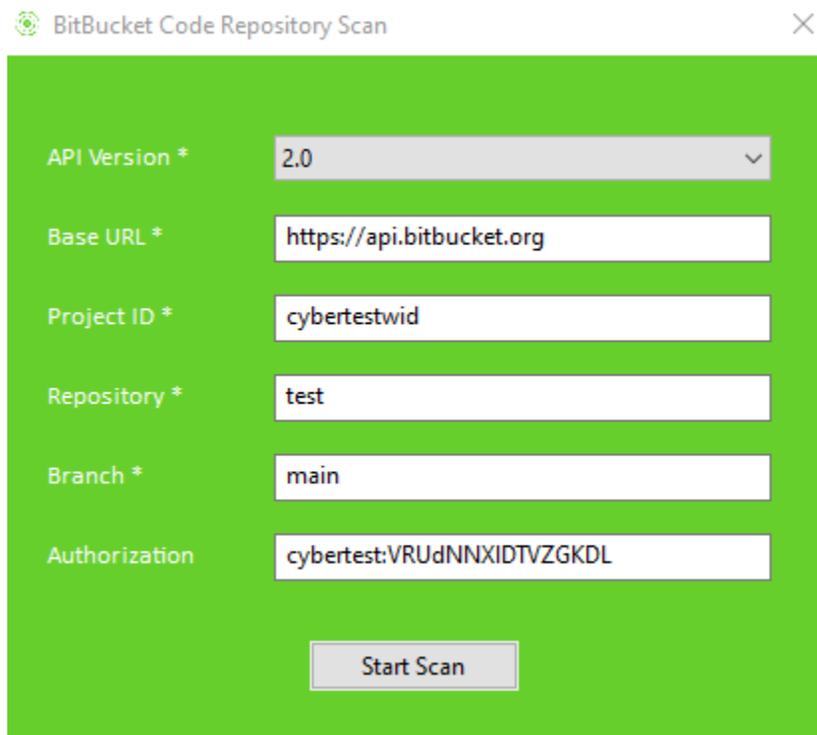
[Delete workspace](#)

Update workspace

The Workspace ID is also found in the URL:

bitbucket.org/cybertestwid/workspace/settings

Flawnter BitBucket cloud scan example:



API Version: This should be 2.0 to scan the cloud repo.

Base URL: Should be <https://api.bitbucket.org> as the default BitBucket cloud server domain.

Project ID: For cloud repo this is the Workspace ID that can be found in repo URL.

Repository: This is the repo name the code will scan.

Branch: The branch to scan the code. Normally the default branch is either main or master.

Authorization: This is the token to authenticate to the private repo. Consists of username colon and the app password. Example: *cybertest:VRUdNNXIDTVZGKDL*.

App password can be found under personal settings.

Personal settings

GENERAL

[Account settings](#)

[Email aliases](#)

[Notifications](#)

ACCESS MANAGEMENT

[App authorizations](#)

[App passwords](#)

App passwords

App passwords allow use for you, and you won't ne

[Create app password](#)

Label	Cre
token	20

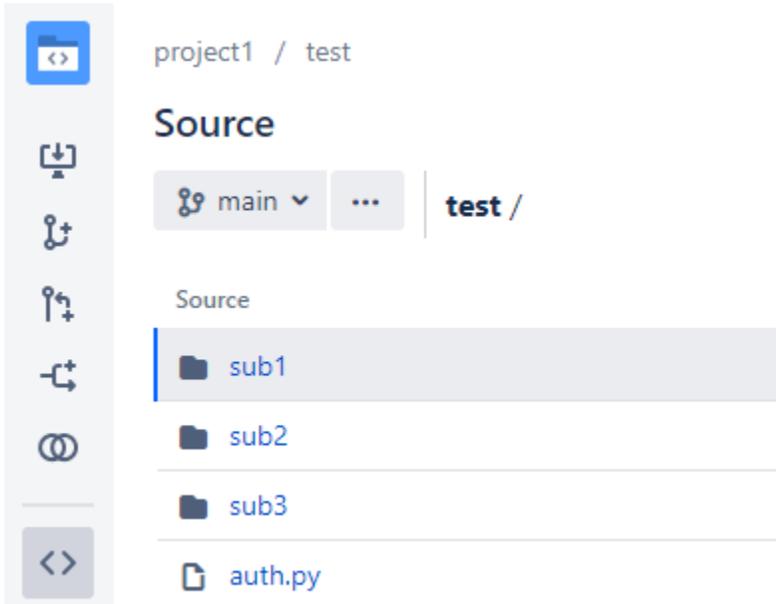
Scanning BitBucket repo files and folders for self-hosted platform

This has been tested on BitBucket server version 8.6.1 downloaded from

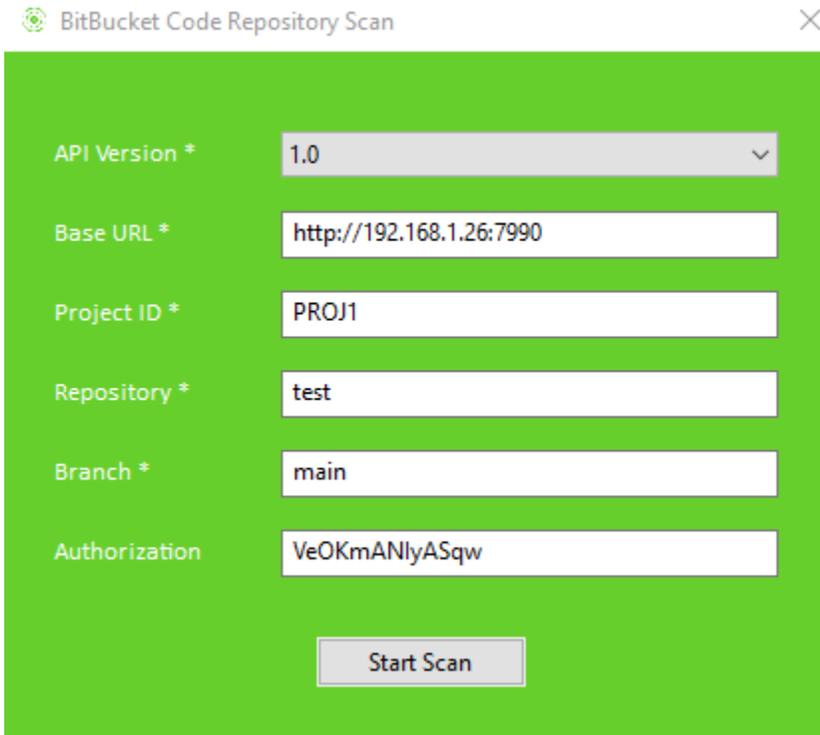
<https://www.atlassian.com/software/bitbucket/download-archives> running on Ubuntu. However it should also work on later versions or BitBucket and other flavors of Linux and other operating systems.

To scan source code files on BitBucket Server, from the menu select "File->Scan BitBucket". Then select API version to 1.0 and the rest information required. For Base URL make sure you enter your BitBucket server domain name or IP addresses including the port number if not using default 443 port. For the Authorization you can enter username:password. The colon is needed to separate the username and password. You can also use http access token and enter that token in Authorization section instead of username and password. You can create http access token from the repository settings. You can read more about here <https://developer.atlassian.com/server/bitbucket/rest/v806/intro>.

Example of BitBucket server repo:



Flawnter BitBucket Server scan example:



API Version: This should be 1.0 to scan the self-hosted server repo.

Base URL: Should be https://<host or ip>:<port> for your server domain where the BitBucket is hosted.

Project ID: This is the project key.

Repository: This is the repo name the code will scan.

Branch: The branch to scan the code. Normally the default branch is either main or master.

Authorization: This is the http access token to authenticate to the private repo.

Example of http access token:



Account settings	<h3>HTTP access tokens</h3> <p>Use access tokens in place of passwords for Git over HTTPS, or to authenticate when using the Bitbucket REST API.</p> <table border="1"><thead><tr><th>Name</th><th>Permissions</th><th></th></tr></thead><tbody><tr><td>api</td><td>PROJECT READ REPOSITORY READ</td><td>0</td></tr></tbody></table>	Name	Permissions		api	PROJECT READ REPOSITORY READ	0
Name	Permissions						
api	PROJECT READ REPOSITORY READ	0					
Change password							
SSH keys							
GPG keys							
HTTP access tokens							
Authorized applications							