

This topic describes how to deploy [Cloud Functions](#) (/functions/) using code that is version controlled in Cloud Source Repositories.

By integrating Cloud Functions with Cloud Source Repositories, you can use Cloud Source Repositories to version control the code that contains your function. As the function changes over time, you can continue to access previous commits to see how the function changed and when.

1. Complete the steps from [Quickstart: Create a repository](#) (/source-repositories/docs/quickstart/).
2. Enable the Cloud Functions API.

[Enable the Cloud Functions API](https://console.cloud.google.com/flows/enableapi?apiid=cloudfunctions&redirect=https://cloud.google.com/source-repos) (https://console.cloud.google.com/flows/enableapi?apiid=cloudfunctions&redirect=https://cloud.google.com/source-repos)

1. On your local machine, go to the root directory of the `hello-world` repository:
2. On your local system, create a directory for the function code.

3. In the `gcf_hello_world` directory, create an `index.js` file with the following contents:

```
This is a simple function named helloGET that responds to HTTP GET requests with the text Hello from Cloud Functions and Cloud Source Repositories.
```

Push the files you just created into Cloud Source Repositories.

1. Add the files:

2. Commit the files with a comment describing the history of this action:

3. Using the `git push` command, add the contents of the local Git repository to Cloud Source Repositories:

Using either the Google Cloud Console or the Cloud SDK, create and deploy your function.

For more information on deploying to Cloud Source Repositories, see [Deploying from source control](/functions/docs/deploying/repo) (/functions/docs/deploying/repo).


Using either the GCP Console or the Cloud SDK, test your new function.

To delete the function and repository you created, follow these steps.

1. Go to the Cloud Functions **Overview** page.


[Go to the Overview page](https://console.cloud.google.com/functions/list) (https://console.cloud.google.com/functions/list)

Make sure that the Google Cloud project for which you enabled Cloud Functions is selected.

2. Select the `helloGET` function for this quickstart, `cloud-source-repositories-test`.
3. On the same row, click **More** , and then click **Delete**.

1. In the GCP Console, open the **All repositories** page for Cloud Source Repositories.

[Open Cloud Source Repositories](https://source.cloud.google.com/repos) (https://source.cloud.google.com/repos)

2. Hold the pointer over the repository you want to delete and click **Settings** .

The **General settings** page opens.

3. Click **Delete this repository** .

The **Remove repository** dialog opens.

4. Type the name of the repository you want to delete.
5. Click **Delete**.

- Learn more about [Cloud Functions](/functions/docs/) (/functions/docs/).