If you store your app's code in Cloud Source Repositories, you can use the source console
 (https://source.cloud.google.com) to perform Stackdriver Debugger tasks. These include taking
and viewing debug snapshots, adding logpoints, and viewing logpoint outputs.

The debugging functionality in Cloud Source Repositories is an alternative to the functionality
provided by Debugger in the Google Cloud Console. For more information about setting up
Debugger and using the GCP Console interface, see the Debugger documentation
 (/debugger/docs).

You can use the debugging functionality in the source console if your code is located in one of
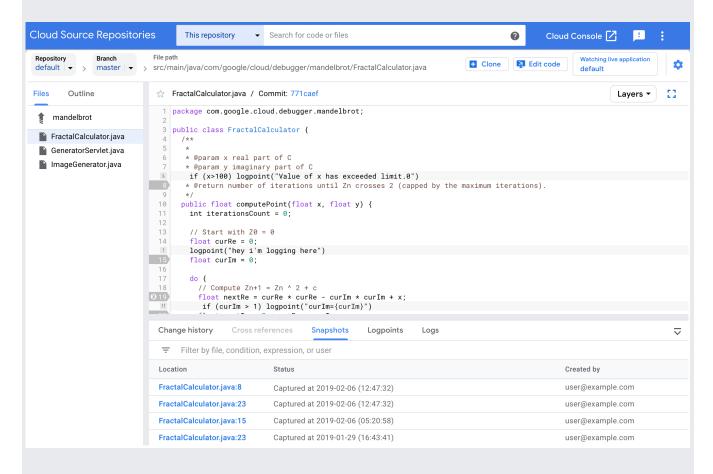the following products or technologies:

- Cloud Source Repositories

- A mirrored repository (/source-repositories/docs/mirroring-repositories) in Cloud Source
  Repositories

If your source code is located in a non-mirrored repository hosted on a service like GitHub or
Bitbucket, or you're debugging from local files, you must perform debugging tasks in the GCP
Console instead.

Before you debug your app in Cloud Source Repositories, you need to perform the following
steps:

- Enable Debugger (/debugger/docs/setup) for your Google Cloud project and configure your
  environment and your app. These steps vary by language or framework used to
  implement the app.

- Deploy and/or start your app.

Debugging functionality becomes usable after you set up Debugger to work with your project and app. When you view the contents of the repository, debugging tabs appear in one of the GCP Console panes.

You can do the following in Cloud Source Repositories:

- Take debug snapshots (/source-repositories/docs/debug-snapshots), which lets you view the state of local variables and the call stack in your app at specific points in your code.

- Add logpoints to your code (/source-repositories/docs/debug-logpoints), which lets you inject logging into a running service without restarting it or interfering with its normal function.

- Learn how to <u>set up debugging for your app</u> (/debugger/docs/setup).