

# How to Install Bismark/Packages from GitHub

Here is a document for how to install a github package, if you have never installed one before:

1. Go to the GitHub Page of a command tool, usually there will be instructions for installation.

## Installation

Bismark is written in Perl and is executed from the command line. To install Bismark simply download the latest release of the code from the [Releases page](#) and extract the files into a Bismark installation folder.

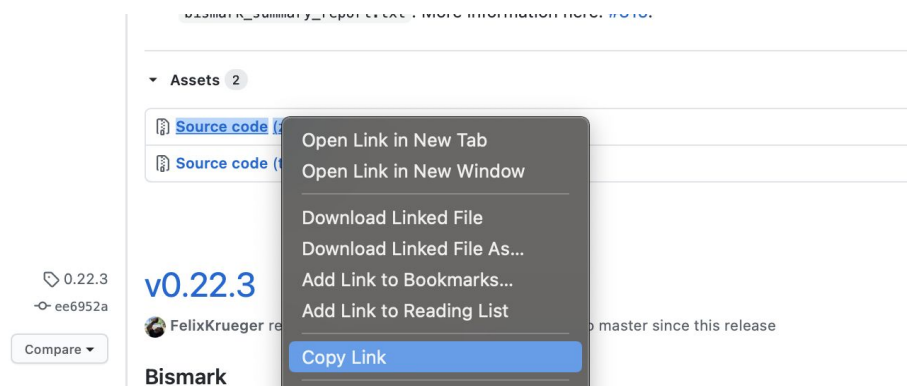
Bismark needs the following tools to be installed and ideally available in the `PATH` environment:

- [Bowtie2](#) or [HISAT2](#)
- [Samtools](#)

## Bismark Example

For most packages, they already build pip install or conda install. For Bismark, you can go to the **Release Page** and directly download the zip file and use the commands.

2. You can copy the link of v.0.23.0's source code.



## Bismark v.0.23.0

3. Then on Cannon server, your working directory (such as ~/HW4), use **wget** to download files:

wget <link>

4. Use **unzip** to unzip .zip files.

unzip <file\_name.zip>

5. You should have bismark 0.23.0 in your working directory (wdr) now!