Table of Contents

[Setup a GitHub repository 2](#_Toc342140621)

[Make an account: 2](#_Toc342140622)

[Download GitHub: 2](#_Toc342140623)

[Connect to Repository: 2](#_Toc342140624)

[Modify Files 2](#_Toc342140625)

[Modifications 2](#_Toc342140626)

[Add Files to GitHub 2](#_Toc342140627)

[Delete Files from GitHub 2](#_Toc342140628)

[Updating Working Copy 2](#_Toc342140629)

[Commit Changes 3](#_Toc342140630)

[Sync Changes with master 3](#_Toc342140631)

# Setup a GitHub repository

## Make an account:

1. Go to:

<https://github.com/>

1. Login or create a new account.

## Download GitHub:

1. Go to:

For Macs: <http://mac.github.com/>

For Windows: <http://windows.github.com/>

1. Download GitHub (GUI or Bash shell or both)

## Connect to Repository:

1. Ask Kimi to add you as a collaborator.
2. Search for:

kaoyama/MCMProject

1. Clone the repository to your machine; there should be a GitHub directory that it will be cloned to.

# Modify Files

## Modifications

You can modify the content of any file in the repository. If you make changes or remove a file that you didn’t mean to, you can do a revert.

The following command will revert your working copy, all the changes you’ve made, to the most recent commit.

Git reset --hard HEAD

## Add Files to GitHub

If you want to add new files to your local GitHub repository use the following command in the GitHub bash command window:

git add fileName1 fileName2 …

## Delete Files from GitHub

In order to remove a file from the GitHub repository use the following command:

git rm fileName1 fileName2 …

## Updating Working Copy

Before you make any changes and before you commit any changes you need to update your working copy.

From the GitHub bash command line type:

cd pathToGitHubDirectory/MCMProject

git pull

or

From the GitHub GUI, there is a button on the top of the window that says “sync,” it has the same functionality as git pull

## Commit Changes

Once you have modified, added, and removed the appropriate files, you need to commit them to your local GitHub before you can sync them with the main repository. A commit message is mandatory.

To do this, type the commands:

cd pathToGitHubDirectory/MCMProject

commit –m “commit message, description of changes made.”

Or

From the GitHub GUI you can view your changes and commit them with a message.

## Sync Changes with master

After your changes are committed to your local GitHub,Push origin master