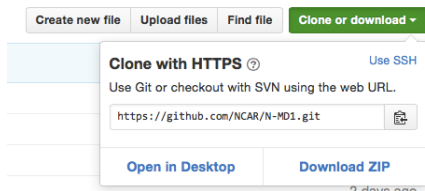


N-MD1: How-to Install

These are the steps to install the N-MD1 metadata editor to run on your own desktop or notebook computer

- Check that you have a recent version of Java on your computer
 - At a command prompt type **java -version**
 - Should return something like the following:

```
~> java -version
java version "1.8.0_45"
Java(TM) SE Runtime Environment (build 1.8.0_45-b14)
Java HotSpot(TM) 64-Bit Server VM (build 25.45-b02, mixed mode)
~>
```
 - If you don't have java, get it, or see a sysadmin about installing it on your computer
- Download the installer for CatMDEdit from the [DASH](#) site
 - Choose the proper installer for your operating system
 - Windows: "installer_catmdedit-5.0.exe"
 - Linux or Mac: "installer_catmdedit-5.0.jar"
 - Make a note where the installer file has been saved
- Open a terminal window and change to the directory in which you saved the installer file
- If using Linux or a Mac
 - Run the installer by typing: **java -jar installer_catmdedit-5.0.jar**
 - Follow the prompts and when prompted choose a directory for the application
 - Possible choices:
 - "/Applications/CatMDEdit" on a Mac
 - A subdirectory off your home directory
 - Any directory you have privileges to write to will work
 - Make a note of the full path to this directory, for use later
- If using Windows
 - Run the installer by double clicking on the **installer_catmdedit-5.0.exe** file
 - Follow the prompts
 - When choosing a directory for the program, make sure you have permissions to write to the one you designate
- Follow the directions on DASH to go to <https://github.com/NCAR/N-MD1> and get all the files by clicking on the green box labeled "Clone or download" and choosing "Download ZIP"



- Save the zip file to a location that is easy for you to work from
- In the open terminal window change directories to the one in which you saved the github N-MD1 files
- Run the “apply_ncar_updates” shell script or batch file, depending on whether you are using Linux/Mac or Windows
 - Linux/Mac
 - Check that the shell script is executable
 - If not, type **chmod 754 apply_ncar_updates.sh**
 - Run the script
 - type **./apply_ncar_updates.sh** and hit Enter
 - Windows
 - type **apply_ncar_updates** and hit Enter
- When prompted for the directory that the CatMDEdit program was saved, enter the full path as you noted it earlier
- If for some reason the update script echoes back a directory that is not the correct one, type **CTRL-C** to kill the script and start over after checking your note on the full path to the CatMDEdit program
- Review the output from the script, and if there are any errors take a screen shot, or make a note, and contact Sophie and/or Don
- If there are no errors, you can close the terminal window
- N-MD1 is ready to use