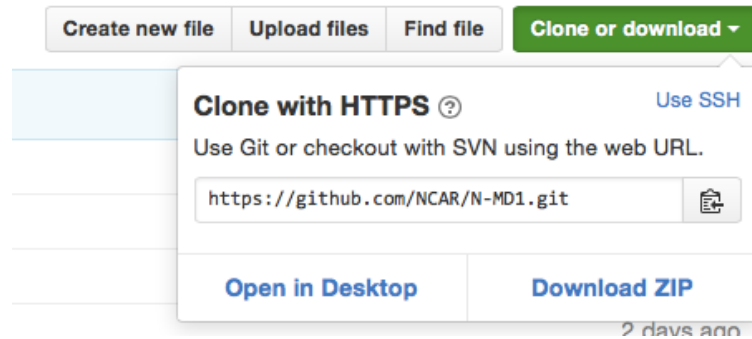


N-MD1: How-to Install

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

1. Check that you have a recent version of Java on your computer
 - a. At a command prompt type **java -version**
 - b. 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)
->
```
 - c. If you don't have java, get it, or see a sysadmin about installing it on your computer
2. Download the installer for CatMDEdit from the [DASH](#) site
 - a. Choose the proper installer for your operating system
 - i. Windows: "installer_catmdedit-5.0.exe"
 - ii. Linux or Mac: "installer_catmdedit-5.0.jar"
 - b. Make a note where the installer file has been saved
3. Open a terminal window and change to the directory in which you saved the installer file
4. If using Linux or a Mac
 - a. Run the installer by typing: **java -jar installer_catmdedit-5.0.jar**
 - b. Follow the prompts and when prompted choose a directory for the application
 - i. Possible choices:
 1. "/Applications/CatMDEdit" on a Mac
 2. A subdirectory off your home directory
 3. Any directory you have privileges to write to will work
 - ii. Make a note of the full path to this directory, for use later
5. If using Windows
 - a. Run the installer by double clicking on the **installer_catmdedit-5.0.exe** file
 - b. Follow the prompts
 - c. When choosing a directory for the program, make sure you have permissions to write to the one you designate
6. 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"



7. Save the zip file to a location that is easy for you to work from
8. In the open terminal window change directories to the one in which you saved the github N-MD1 zip file
9. If the saved zip file hasn't been automatically unzipped
 - a. unzip the saved file by typing **unzip N-MD1-master.zip**
10. change directories to the "N-MD1-master" directory
11. Run the "apply_ncar_updates" shell script or batch file, depending on whether you are using Linux/Mac or Windows
 - a. Linux/Mac
 - i. Check that the shell script is executable
 1. If not, type **chmod 754 apply_ncar_updates.sh**
 - ii. Run the script
 1. type **./apply_ncar_updates.sh** and hit Enter
 - b. Windows
 - i. type **apply_ncar_updates** and hit Enter
12. When prompted for the directory that the CatMDEdit program was saved, enter the full path as you noted it earlier
13. 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
14. 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
15. If there are no errors, you can close the terminal window
16. N-MD1 is ready to use