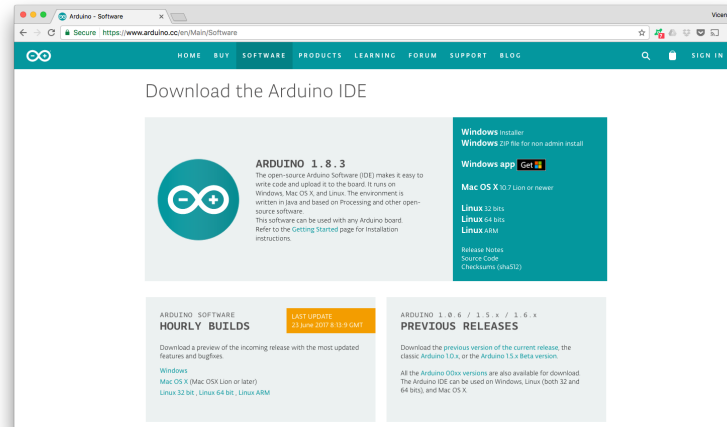
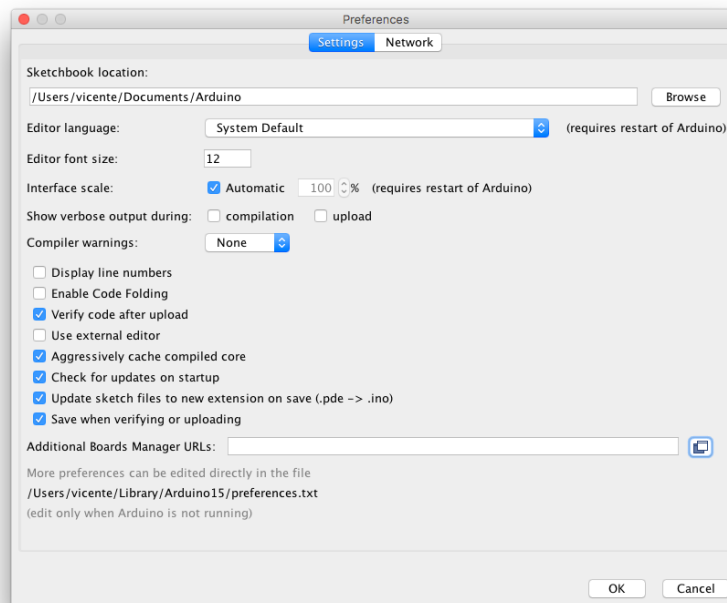


## Arduino IDE setup

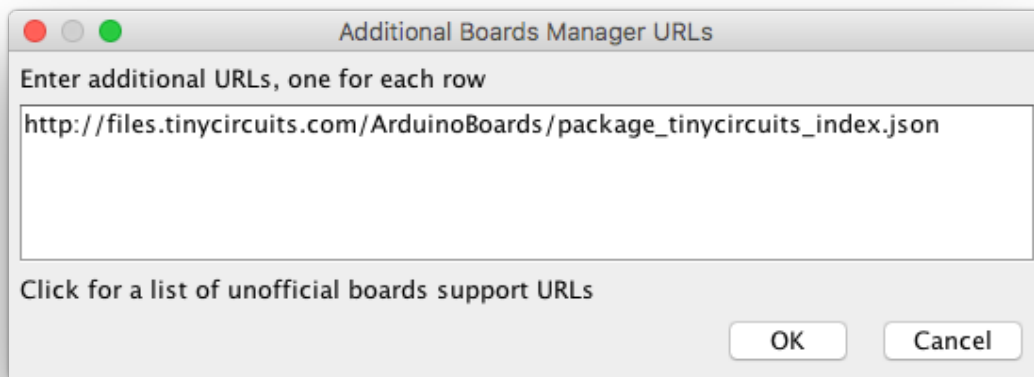
Download and install Arduino IDE 1.8.3 from [www.arduino.cc](http://www.arduino.cc).



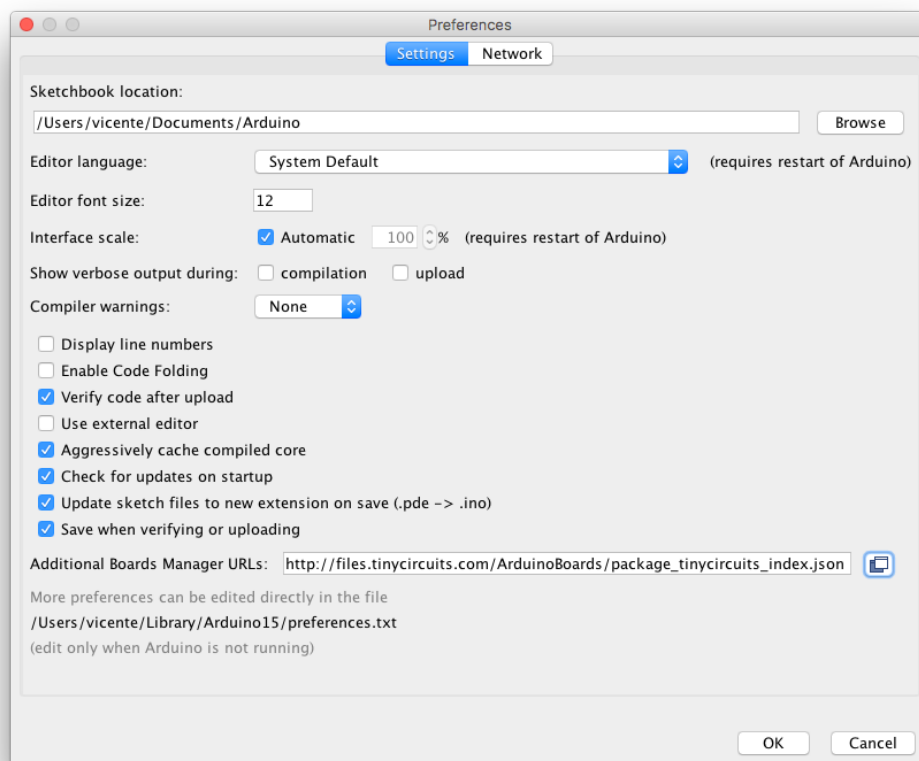
You must add support for TinyCircuits processor boards. Open Arduino IDE and go to “Arduino/Preferences...” menu:



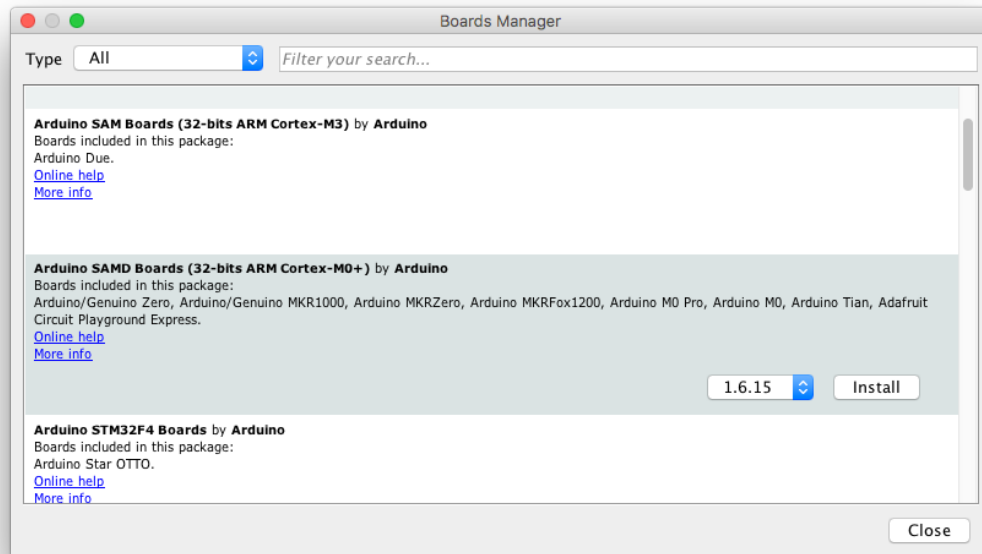
Click last little button in the row where label “Additional Boards Manager URLs:” is, to open next window and enter “[http://files.tinycircuits.com/ArduinoBoards/package\\_tinycircuits\\_index.json](http://files.tinycircuits.com/ArduinoBoards/package_tinycircuits_index.json)”.



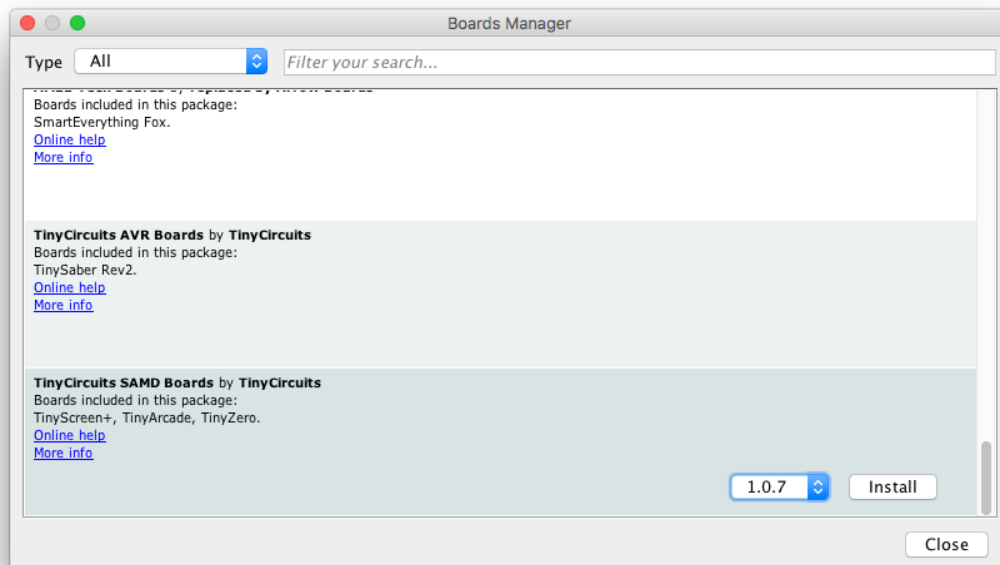
Click "OK" button to close window. You should see something like the next picture. Press "OK" button.



Now open “Tools/Board:/Boards Manager...” menu, in the window that opens, locate row containing “Arduino SAMD Boards (32-bits ARM Cortex-M0+)”, click in it, and click “Install” button:



Now locate row containing “TinyCircuits SAMD Boards”, click in it, and click “Install”. You can now click “Close”.



Now open a terminal and enter next commands:

```
cd
mkdir -p ~/projects/scripps/
cd ~/projects/scripps/
git clone ssh://git@gemlab04.ucsd.edu/home/git/solar-tracker-gateway.git
cd
mkdir -p ~/Documents/Arduino/libraries/
ln -s ~/projects/scripps/solar-tracker-gateway/arduino/libraries/RadioHead/
Documents/Arduino/libraries/
ln -s ~/projects/scripps/solar-tracker-gateway/arduino/libraries/SoftwareSerial/
Documents/Arduino/libraries/
```

```
~ — -bash
[fresona:~ vicente$ cd
[fresona:~ vicente$ mkdir -p ~/projects/scripps/
[fresona:~ vicente$ cd ~/projects/scripps/
[fresona:scripps vicente$ git clone ssh://git@gemlab04.ucsd.edu/home/git/solar-tracker-gateway.git
Cloning into 'solar-tracker-gateway'...
git@gemlab04.ucsd.edu's password:
remote: Counting objects: 694, done.
remote: Compressing objects: 100% (548/548), done.
remote: Total 694 (delta 247), reused 201 (delta 44)
Receiving objects: 100% (694/694), 371.33 KiB | 170.00 KiB/s, done.
Resolving deltas: 100% (247/247), done.
[fresona:scripps vicente$ cd
[fresona:~ vicente$ mkdir -p ~/Documents/Arduino/libraries/
[fresona:~ vicente$ ln -s ~/projects/scripps/solar-tracker-gateway/arduino/libraries/RadioHead/ Documents/Arduino/libraries/
[fresona:~ vicente$ ln -s ~/projects/scripps/solar-tracker-gateway/arduino/libraries/SoftwareSerial/ Documents/Arduino/libraries/
[fresona:~ vicente$ █
```