

# **Processing Setup**

LAB 00a: Processing Setup

# You need Processing

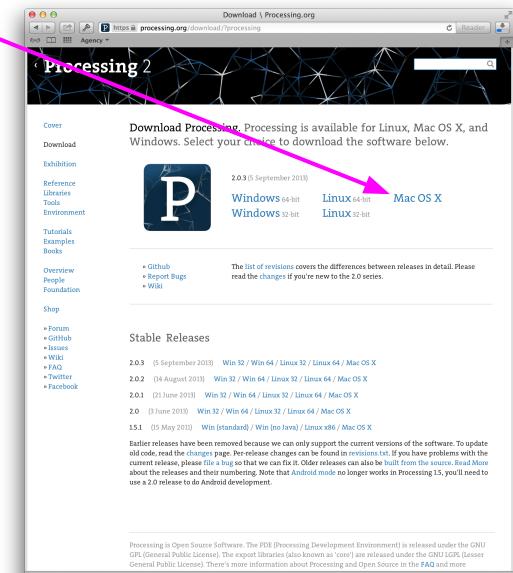
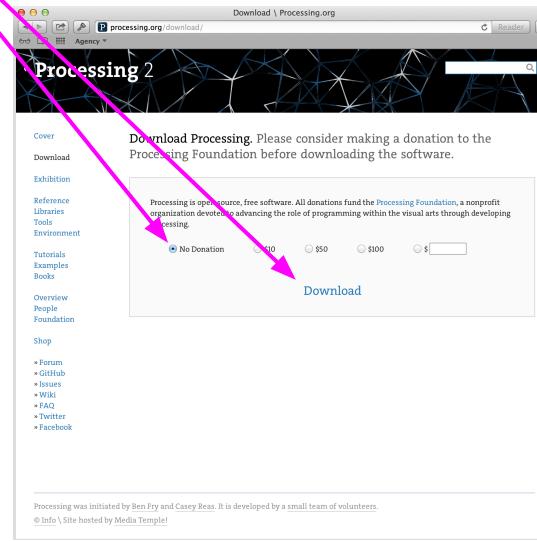
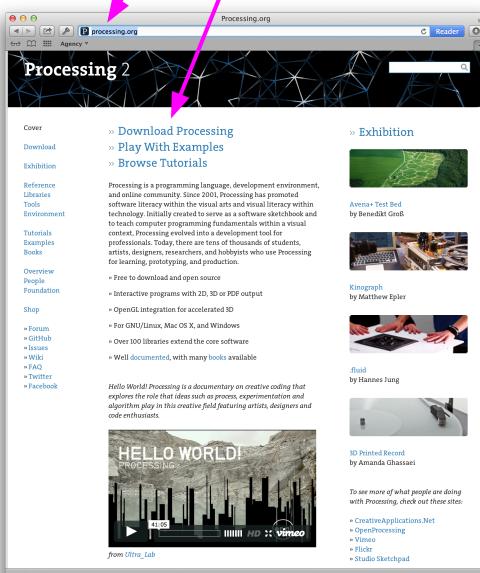
Processing is a *Creative Coding* environment, tool, awesome thing.

Please follow these instructions to download and install it.

# Download Processing

This is how you download it.

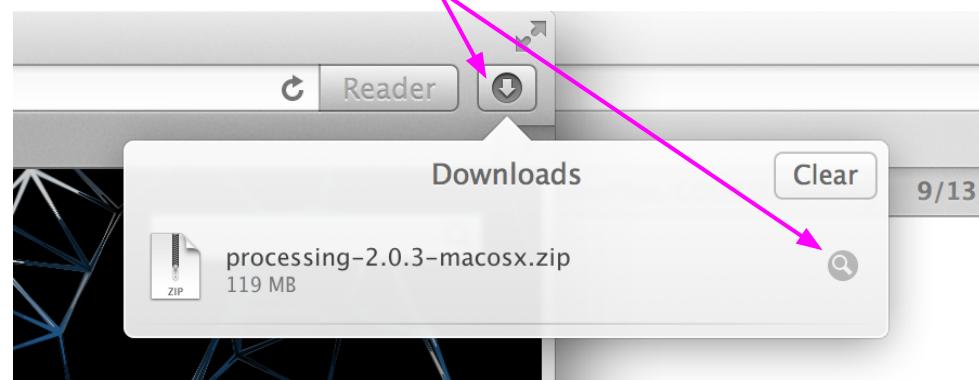
- Open browser, go to <http://processing.org>.
- Click on **Download Processing**
- Select **No Donation** (unless you want to donate)
- Click on **Download**
- Click on **Mac OS X**



# Wait for Processing

This is how you wait for it.

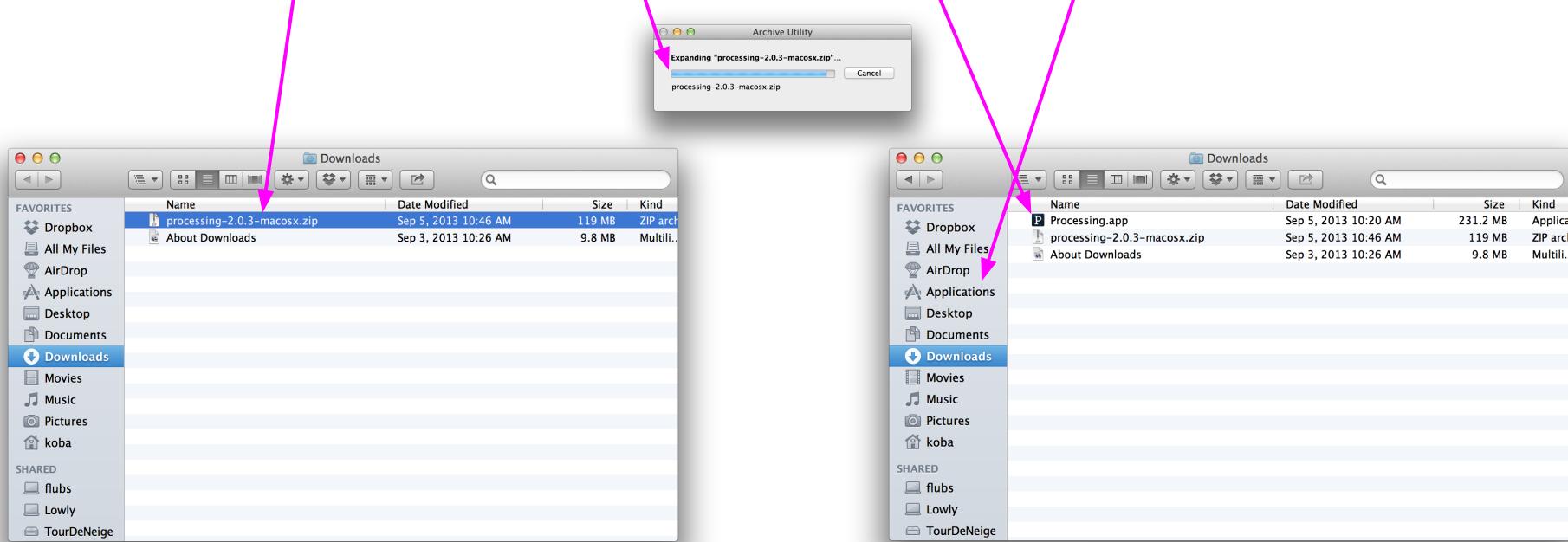
- After you click **Mac OS X**, it will start downloading.
- You can tell by looking at this progress bar here.
- When it's done, click on the **Downloads** button.
- Reveal the downloaded file in the Finder by clicking the magnifying glass here.



# Install Processing

This is how you install it. Note, the “X” represents the latest version.

- Double click the Processing zip file: **processing-2.X-macosx.zip**
- This will expand the application from its compressed state.
- This progress bar shows you how long you will have to wait until it's done.
- When complete, you'll see the pretty **Processing** app's icon.
- Drag and drop the expanded **Processing** app to the **Applications** folder.



# Open Processing

This is how you open it.

- Open your **Applications** folder, by selecting it in the left-hand menu.
- Applications are listed in alphabetical order (abecedarian, if you will). Find the **P** section.
- Double-click **Processing** to open it.
- You'll see a Processing window like this.



# Run Processing

This is how you run it.

Type this code in exactly.

It uses RGB color codes to change the fill (paint) color to red.

RGB stands for Red, Green, Blue.

255 is the maximum value. 0 is the minimum.

It then draws a square at (20,20), with width 50.

Hit the Play/Run button (looks like a triangle).

You should see the red square. If you do, you pass Go. Collect \$200. You're ready for the next lab.

