Installing Processing

Install Processing on a lab machine’s Data drive

**Windows**
1. Copy Processing to your data drive
   a. Open the data drive on your Desktop by clicking on *My Computer* and opening the D:\ drive (if you don’t see *My Computer* on your computer open *Windows Explorer*, on Macs the data drive is called *DATAWIN*)
   b. Open the network by clicking on the *ARCH Network* icon on Desktop
   c. Navigate to the dropbox server by opening *Dropbox* in the ARCH network
   d. Open the *For_Tutorial* folder in the dropbox server
   e. Open the *Processing\WINDOWS-copy-inhere* folder
   f. Copy the folder *processing-0135-expert* by dragging it to the data drive
2. Configure Processing
   a. Open the *processing-0135-expert* directory on your data drive
   b. In *processing-0135-expert* create a new directory called *sketchbook*
   c. Run *Processing.exe* by clicking on its icon
   d. Open the preferences window *File > Preferences...*
   e. Change the “Sketchbook location” to *D:\processing-0135-expert\sketchbook*
   f. Close the preferences window, and quit Processing

**Mac OS X**
3. Copy Processing to your data drive
   a. Open a window by clicking on the *Data* drive icon
   b. In Finder, open the menu *Go > Connect to server...*
   c. Enter *smb://dropbox.arch.usyd.edu.au/For_Tutorial/Processing*
   d. Open the folder *OSX-copy-inhere*
   e. Copy the folder *Processing 0135* to your *Data* drive
4. Configure Processing
   a. Open the folder *Processing 0135* on your *Data* drive
   b. Run *Processing* by clicking on its icon
   c. Open the preferences window by selecting *Processing > Preferences...*
d. Change the “Sketchbook location” to
   /Volumes/Data/Processing 0135/sketchbook

e. Quit Processing

Lab Exercises

Comments
Write comments in Processing to describe a program you would like to create

Creating a display window
Write a program to create a 640 x 480 pixel window with a black background.
   Use the size() and background() functions to create your display window

Writing to the console
Use print() and println() to write text to the console area in Processing

Drawing 1
Create a composition by carefully positioning one line and one ellipse

Drawing 2
Modify the code for exercise 1 to change the fill, stroke and background values

Drawing 3
Create a visual knot using only Bezier curves

You may find it useful to use these grids to plan your drawings