Intellectual Impropriety

Electronic Music Composition Workshop

WHEN:

November 13 & 14, 2010 — 12-6pm both days

WHERE:

Gray Area Foundation for the Arts

55 Taylor St. San Francisco, CA 94102

(415) 843-1GAF

INSTRUCTOR:

Bruno Ruviaro (ruviaro@ccrma.stanford.edu)

http://www.brunoruviaro.com

http://www.myspace.com/brunoruviaro

WHAT TO BRING:

- Your own laptop—Linux or Mac—with all required software installed in advance (instructions below);
- Your own headphones;
- A three-button mouse (highly recommended, but it's OK if you don't bring one);
- Optional: CDs or audio files of music you love or hate (possible to take samples from).

WORKSHOP PAGE:

http://www.gaffta.org/2010/08/31/intellectual-impropriety-electronic-music-composition-workshop/

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Below you will find the list of required software and installation instructions.

Installation instructions for Macintosh users

Audacity [free, open source]
Open source and free audio recording and editing software. Installation instructions here:
https://ccrma.stanford.edu/wiki/Audacity_Installation_Mac_OS_X

Ardour [free, open source]
Professional open source digital audio workstation. Installation instructions here:
https://ccrma.stanford.edu/wiki/Ardour_Installation_Mac_OS_X

MaxMSP [proprietary, paid; demo version for free]
Max/MSP/Jitter is a real-time graphical programming environment for audio, video, and graphical processing. Download and install the fully-functional 30-day demo at:
http://cycling74.com/downloads/
If you have previously tried this demo and it has already expired on your computer, you can still download **Max Runtime**, which will work just fine for the purpose of this workshop.

CataRT (& Catork) [free, open source]
Software for trying out concatenative synthesis in MaxMSP.
a) First download and install the latest FTM library here:
http://ftm.ircam.fr/index.php/Download
(download dmg file, double click on it, then inside the folder that opens up, double click on the brown-yellowish icon to perform an automatic installation).
b) Then download the latest version of CataRT:
http://imtr.ircam.fr/imtr/CataRT#Download
(download zip file, double click on it, then copy entire cataRT folder into Applications > Max5)
c) Finally, download Catork and save it into the same folder Applications > Max5
http://ccrma.stanford.edu/~ruviaro/patches/Catork.zip
(download zip file, double click on it, then copy entire cataRT folder into Applications > Max5)

Pd (aka Pure Data) [free, open source]
Pd is a real-time graphical programming environment for audio, video, and graphical processing. Download and install Pd from:
http://puredata.info/downloads
Choose “Pd-Extended” instead of “Pd-Vanilla.”

timbreID [free, open source]
Software for trying out concatenative synthesis in Pd.
http://williambrent.conflations.com/pd/timbreID-0.3.8-mac.zip
Documentation and examples:
http://williambrent.conflations.com/pd/timbreID-examples.zip

Installation instructions for Linux users

Up-to-date installation packages on GNU/Linux systems are often provided by individual distributions (Ubuntu, Fedora, etc). You can search and install the programs below using the method you are accustomed to in your Linux distribution (for example, Software Center or aptitude in Ubuntu, PackageKit or yum in Fedora, etc.)

Audacity [free, open source]
Open source and free audio recording and editing software. You should be able to easily find and install Audacity through your Linux distribution repositories. Make sure you install version 1.3.x (Beta), and NOT 1.2, which doesn't have some useful features we will use in class.

Ardour [free, open source]
Professional open source digital audio workstation. Installation instructions for Ubuntu:
http://en.flossmanuals.net/Ardour/Ubuntu
Command line instructions for other Linux distros:
http://en.flossmanuals.net/Ardour/Linux

MaxMSP [proprietary, paid]
Max/MSP/Jitter is a real-time graphical programming environment for audio, video, and graphical processing. There is no Linux version, but you will be able to use Pd instead (see below).

CataRT (& Catork) [free, open source]
Software for trying out concatenative synthesis in MaxMSP. No Linux version, but you will be able to use timbreID instead (see below).

Pd (aka Pure Data) [free, open source]
Pd is a real-time graphical programming environment for audio, video, and graphical processing. Download and install Pd from:
http://puredata.info/downloads
Choose “Pd-Extended” instead of “Pd-Vanilla.”

timbreID [free, open source]
Software for trying out concatenative synthesis in Pd. Get the source code using the link below. Look for “install.txt” for command line installation instructions:
http://williambrent.conflations.com/pd/timbreID-0.3.8-src.zip
Documentation and examples:
http://williambrent.conflations.com/pd/timbreID-examples.zip