

Instructor: Philippe Pasquier

Teaching Assistant: Andrew Hawryshkewich

Description

Your final assignment for Sound Design is the creation of a **sound processing** tool in Max/MSP, which can take one of three directions:

- 1) Creation of a standalone application to process sounds live or sound files.
- 2) Creation of a standalone application which synthesizes sound.
- 3) Creation of a VST plug-in to process sounds (live or otherwise).

Requirements and constraints

- A statement of intent (25 words or less)
- Creation of a Max/MSP standalone application or VST plug-in that runs (test it!)
- The final tool must somehow **process** sound (files or live)
- Commenting within the Max/MSP patch demonstrating that you know how it works
- The patch should embed an help file that allow anyone to understand and use your application or plug-in
- A graphical interface which works and makes sense in regards to your stated intent

Deliverables

First Deliverable (Due November 9th by the end of the day – 10%)

The first deliverable is a one page outline including a statement of intent, and a short flowchart demonstrating how you best figure the sound tool will work. The first deliverable includes:

- A statement of intent (25 words or less)
- Simple flowchart showing the processing or synthesizing of the sound

Email it to Andrew (andrew@ah-on.ca).

Second Deliverable (Due on final due date – 90%)

For the second deliverable, you will hand in a data CD, with the following files:

- 'Student Name' – 'Sound Tool Title'.app/.vst (Standalone application or plug-in)
- 'Student Name' – 'Sound Tool Title'.mxf (Max collective)
- 'Student Name' – 'Sound Tool Title'.pat (Max patcher)
- 'Student Name' – Proposal.pdf/.doc/.odt/.txt/.rtf/.docx (A copy of the first deliverable)
- 'Student Name' – Writeup.pdf/.doc/.odt/.txt/.rtf/.docx (which will include:)
 - Your name, student number and title of your sound tool (at the top of the page)
 - Your statement of intent (25 words or less)
 - A description of your sound processing tool; How it works (max 500 words)
 - A flowchart showing how the tool processes or synthesizes the sound
 - Any additional information you deem necessary

Evaluation

You will be marked on:

- Adherence to the requirements and constraints
- Ability to demonstrate understanding of how the sound is being processed
- Interface and function of the sound processing tool; Does it work? Do the controls make sense?
- Usability, originality and quality

The work is due on Thursday, **November 20th, 2008** before the end of the day (in the course's mailbox). The late policy is simple: 5% per day. This is an individual work and the usual rules on plagiarism apply.