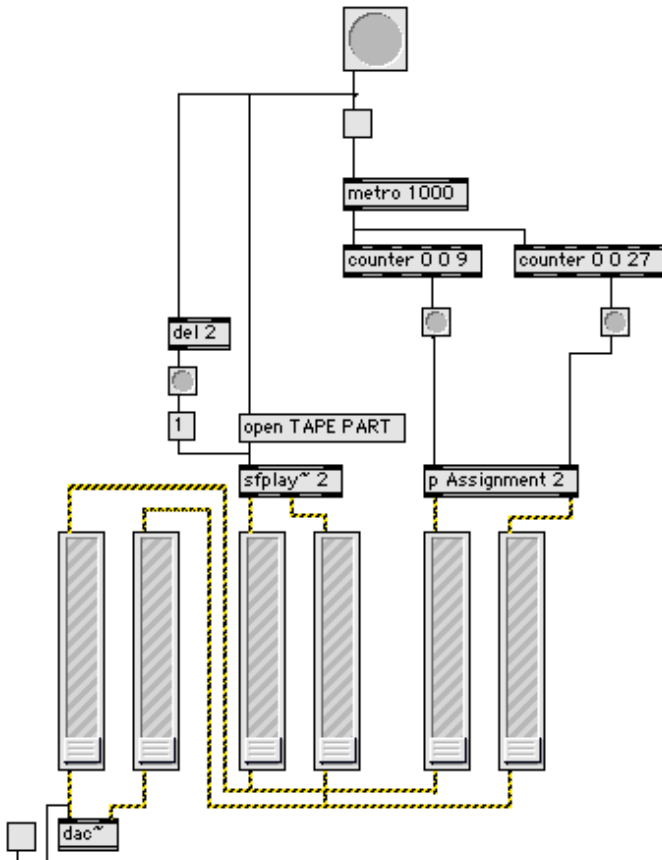


## Composition: Electronic Media II

March 5, 2008

### Live Playback in Max/MSP

1. The patch below shows how a tape part can be played in Max in conjunction with live actions such as those from Assignment 2, presented previously in class.



- a. The bang button opens the TAPE PART, triggers it, and turns on the metro.
  - b. At 9000 milliseconds = 9 seconds, a bang is sent to the sub-patch “p Assignment 2.”
  - c. At 27000 milliseconds = 27 seconds, another bang is sent to “p Assignment 2.”
  - d. Above the dac~ are two audio faders, controlled the stereo mix of the patch.
  - e. The left and right outlets of “sfplay~ 2” are sent to two audio faders. These are sent to the dac~ faders.
  - f. The left and right outlets of “p Assignment 2” are sent to two audio faders. These are sent to the dac~ faders.
2. This patch allows some stochastic compositional elements to be integrated with the fixed tape part in a way that preserves the time structure of the composition. These stochastic elements can serve the function of keeping the listener fresh, spontaneous, and alert while minimizing the risk of a trainwreck in performance.
  3. Max/MSP can play up to 8 channels through the Digi 002 in performance.