

1116-00-2095 **Matthew Leingang***, New York University, 251 Mercer Street, New York, NY 10012.

Streamlining assessment, feedback, and archival with auto-multiple-choice.

Auto-multiple-choice (AMC) is an open-source optical mark recognition software package built with Perl, LaTeX, XML, and sqlite. I use it for all my in-class quizzes and exams. Unique papers are created for each student, fixed-response items are scored automatically, and free-response problems, after manual scoring, have marks recorded in the same process. In the first part of the talk I will discuss AMC's many features and why I feel it's ideal for a mathematics course. My contributions to the AMC workflow include some scripts designed to automate the process of returning scored papers back to students electronically. AMC provides an email gateway, but I have written programs to return graded papers via the DAV protocol to student's dropboxes on our (Sakai) learning management systems. I will also show how graded papers can be archived, with appropriate metadata tags, into an Evernote notebook. (Received September 21, 2015)