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Drew C. Youngren* (youngren@nyu.edu), 251 Mercer St., New York, NY 10012. *The Clickers They Carry: Using smartphones and open platforms for spontaneous student feedback*. Preliminary report.

Many university lecturers make use of ‘clickers’ (aka audience response systems) to collect student feedback in real-time while presenting material. These systems have been shown effective in a variety of applications but have the drawbacks of proprietary hardware and software. In this session, we present an alternative means of soliciting and analyzing student feedback electronically via QR codes, Google FormsTM, and popular Python libraries. Besides the obvious cost advantage, these methods offer more flexibility in the kinds of questions asked and the types of analysis and visualization. We exhibit several examples and neat tricks like client-side data-cleansing via regular expressions. (Received September 20, 2016)