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The first release of Maplets for Calculus (M4C) in 2005 contained 37 customized graphical user interfaces for topics in precalculus and single-variable calculus. The collection of maplets has now increased to more than 200 and the range of topics has expanded to include complex numbers, multivariate calculus and differential equations.

Over the years, the M4C have improved in many ways that increase their usability in a wide range of teaching and learning environments. For example, to be used for graded homework it is necessary to disable the displaying of hints and solutions.

Evaluation data shows that student attitudes towards the use of technology in their calculus course depends on exactly how they are used in the course. The latest results from these surveys will be discussed.

This presentation summarizes some of the general lessons learned and demonstrate how these lessons have impacted the development of specific maplets. We will also discuss the next steps in the M4C project, including the challenges to creating versions of the M4C that can be used for graded homework from mobile devices. (Received September 17, 2013)