1056-N5-1278 **Patrick D. F. Ion*** (`ion@ams.org`), Mathematical Reviews, 416 Fourth Street, Ann Arbor, MI 48103. *Revising the MSC (Mathematics Subject Classification).*

The MSC2010 revision was done using modern tools. The talk will sketch this development for its lessons about math on the web.

Since 2007 a public website http://msc2010.org has taken suggestions about the MSC. These were tracked in a MySQL database. Editing the evolving MSC was done collaboratively and publicly by the about 50 editors of Mathematical Reviews (MR; online form: MathSciNet) and Zentralblatt (Zbl; online form: ZMATH). They used the MSCwiki on msc2010.org, an instance of a MediaWiki.

From a TeX form of the MSC come several PDF versions: linked PDFs in different formats, lists showing types of changes, and KWIC indexes of words or codes.

New is a TiddlWiki MSC which may be downloaded and annotated with mathematical formulas in LaTeX. This is done with a LaTeXMathML plugin, but can use jsMath (or the new MathJAX).

All derived documents were produced with Perl and Python scripts, which deal with the vagaries of (simple) math formulas, scholarly accents for MR and Zbl, et al.

Finally, we have a prototype of the MSC deployable like the Library of Congress subject keywords, using the new W3C rec SKOS. This is a move toward useful ontological information. (Received September 21, 2009)