This presentation introduced vHMML Reading Room, an online environment for manuscript cataloging and public access to images and metadata from HMML’s many manuscript digitization projects around the world. The metadata schema was developed to be inclusive of both western and non-western manuscripts, with provision for native script entries. Strict authority control ensures consistency of metadata, with reliance on VIAF and LC authorities where available. The IIIF viewing environment permits comparison of multiple manuscripts from within vHMML as well as from other projects deploying IIIF-compliant systems. The next major development will be the introduction of a data portal allowing users to curate their own data set for export from vHMML, and will include models for how the data can be used in a variety of digital humanities efforts. Further information is available at www.vhmml.org.