Deploying OMERO at Harvard Medical School

HMS Image Management Core
HMS Research IT Solutions

Jay Copeland, Director
Image Management Core
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2010 LINCS-OMERO

OMERO used as back-end image server for HCS data in HMS LINCS Database

Not a general purpose OMERO server
HMS OMERO

- 2015 Application and internal funding for two year pilot; establishment of Image Management Core (IMC); Douglas Russell hired; hardware purchased and building server begins
- 2016 Beta testing of HMS OMERO begins
Current Development Projects

• OMERO.forms (Douglas Russell)
• Horizontal Scaling Phase 1, Read-Only OMERO (Glencoe)
• OMERO.cloudarchive (Douglas Russell)
• CycIF collaboration/PathViewer 2 (Zoltan Maliga, Jerry Lin, Sorger Lab/HiTS, Glencoe)
Future Goals

• Full production service owned by HMS IT by 2018
• Making OMERO default storage location at HMS microscopy cores
• Solutions for data archiving, bulk export and removal
• Sustainability