

Samvera GIS Data Modeling Working Group

Scope & Objectives

The Samvera GIS Data Modeling Working Group will be developing models for geospatial (GIS) data in Samvera, including Fedora and PCDM. This work will:

- provide common GIS data models for shared tools to enhance interoperability among Hydra institutions.
- drive shared approaches to metadata, workflows, and best-practices for managing GIS content in Hydra.
- provide a starting point, a pathway, for newcomers who want to manage GIS data in Hydra.
- promote stewardship of GIS resources in a Hydra repository.

Deliverables & Timeframe

- PCDM implementations of GIS data models:
 - "georeferenced maps" (in time for Hydra Connect 2015, late-September)
 - other scenarios (e.g., vector datasets, raster datasets) (2015)
- Tutorial/presentation materials for workshops and conferences (early 2016)
- Fedora 4 reference implementation of the GIS data models (2016)
- Final data modeling documentation (Feb 2017)

Sunset date: Early 2017

Meeting Times & Communication Channels

The working group will use the standard hydra mailing lists (hydra-community, hydra-tech) with [geospatial] as the Subject prefix. We will meet every **3rd Tuesday of the month** on the Princeton conference line or Google Hangouts.

Time: 1pm Eastern / 10am Pacific

Next call: Tuesday, April 25, 2017

Link: <https://hangouts.google.com/call/vwt6jbuwybczti5wpm46cik3yee>

Other Resources

Inter-group communication: [Google Group](#) and [Slack Channel](#)

Shared documents: [Google Drive folder](#).

Reference implementation: [GitHub repository](#).

Members

Note that all members of a WG must be licensed Hydra contributors, with the appropriate CLAs in place.

- Facilitator: [Eliot Jordan](#) (Princeton University)
- [James Griffin III](#) (Lafayette College Libraries)
- [John Huck](#) (University of Alberta Libraries)
- [Darren Hardy](#) (Stanford University)
- [Eric James](#) (Yale University)
- [Bess Sadler](#) (Data Curation Experts)
- your name here (your institution here)

Resources

- Poster from Hydra Connect 2015
- [Portland Common Data Model](#)
- PCDM GIS Georeferenced Maps

- [GIS PCDM - Basic GIS data deposit](#)
- Geo PCDM Sketch
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Meeting Notes

- [May 19, 2015](#)
- June 16, 2015
- July 28, 2015
- August 18, 2015
- September 15, 2015
- December 15, 2015
- 19 January 2016 WG
- 16 February 2016 GIS WG
- 8 March 2016 GIS WG
- 19 April 2016 GIS WG
- 24 May 2016 GIS WG
- 21 June 2016 GIS WG
- 19 July 2016 GIS WG
- 16 August 2016 GIS WG
- November 17, 2016