

# Semantic Web Working Group

**Description:** A group exploring semantic web technologies as possible methods for USGS data and information projects.

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**Meetings:** 2nd Thursday of each month from 2-3pm Eastern.

## Introduction

### Working Group Goals

The main goal of our working group is to develop knowledge and basic services for using semantic web technologies in USGS. One of the main functions of this group is to share learning and build on each others' experiences so that we don't all have to struggle separately with ideas or technologies that we might learn to use Semantic Web together. Perhaps sharing [Examples for discussion](#) will stimulate this learning.

### What is the Semantic Web?

- In the most basic terms the Semantic Web is the "Web of Data"
- The Semantic Web provides a common framework that allows data to be shared and reused across application, enterprise, and community boundaries.
- The Semantic Web is a web that is able to describe things in a way that computers can understand.
- "a shift in thinking from publishing data in human readable HTML documents to machine readable documents" [www.linkeddatatools.com](http://www.linkeddatatools.com)

## Meetings

We normally meet the 2nd Thursday of each month at 12:00 MT / 2:00 ET.

JOIN WEBEX MEETING <https://usgs.webex.com/usgs/j.php?MTID=m26d79f5330adc5cc998f2cf192b2cc6c> Meeting number: 351 466 315

Meeting password: triples

JOIN BY PHONE 703-648-4848 (outside DOI, toll-free 1-855-547-8255) Security Code 64914

### Next Meeting:

Jan. 12, 2017

Topic: To be arranged.

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Possible future topic: explore BCO-DMO again, to examine how they use semantic web techniques to enable discovery of scientific data.

## Membership

Membership is open to anyone. If you are interested in joining this group, please send an email to [cdi@usgs.gov](mailto:cdi@usgs.gov).

## Registered Members

