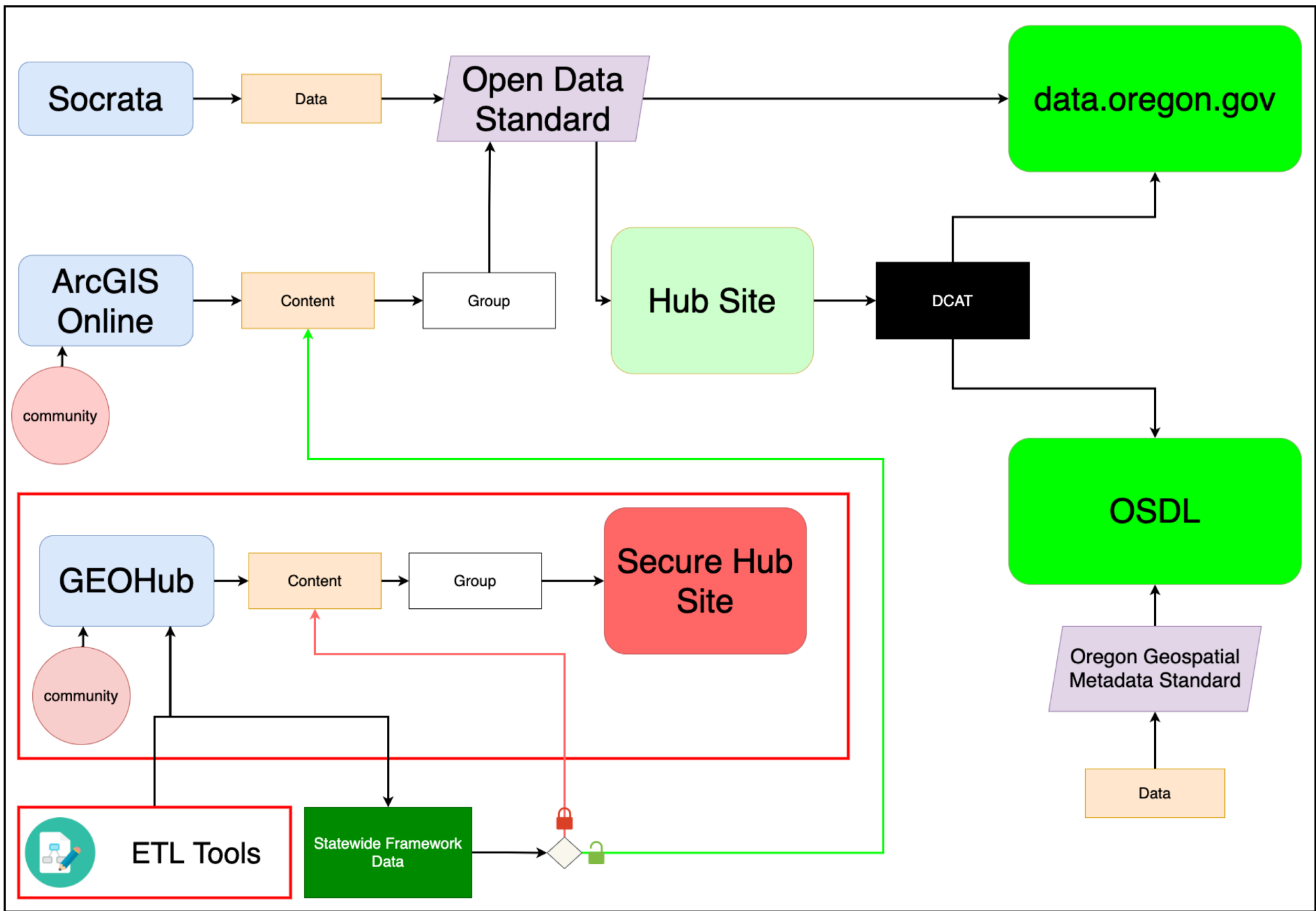


# GIS | Open Data | GEOHub

GEO Update

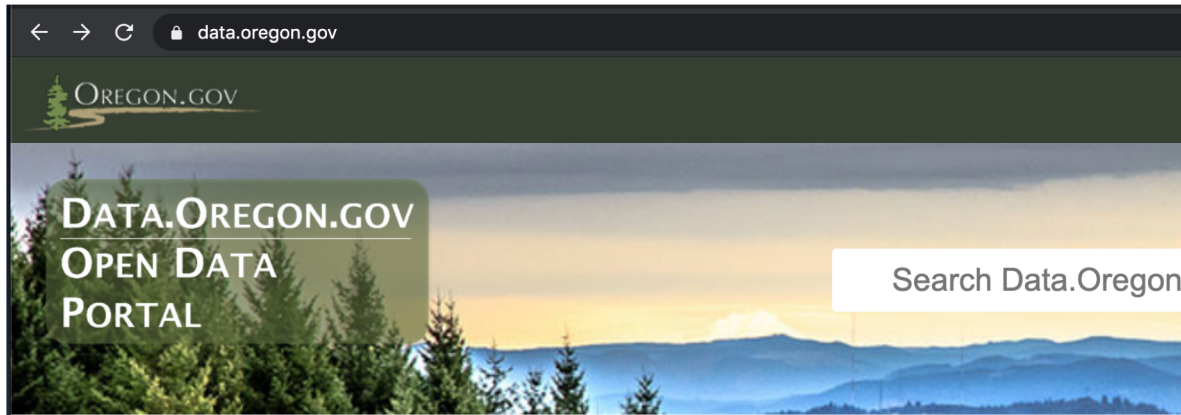
GPL

April 2021



# Open Data Standard

- ORS 276A.350-374
- The statute requires State Agencies
  - Maintain an inventory of agency data assets
  - Identify publishable data
  - Publish data to a central web portal
- Timeline
  - July 1, 2021 -> Agencies appoint Data Coordinator
  - October 1, 2021 -> Agencies initiate data inventory
  - March 1, 2022 -> Agencies submit inventory to CDO
  - June 1, 2022 -> Agencies begin publishing data



### New! Oregon's Open Data Standard

The Launch of Oregon's new Open Data Program



### Data Catalog

Browse Datasets, Charts, Maps, and Views



### Suggest a Dataset

What kind of data would you like to see?



### Public Meetings Calendar

A calendar of agency, board, commission and ESD public meetings.



### Bills Signed by governors during Legislative Sessions

[Click Here](#)



### Developer Resources

Did you know that every dataset on this site has an API? Get started here!

[Oregon's Open Data Program at a glance](#)



## Oregon's Open Data Standard

[Oregon's Open Data Standard](#) provides the requirements for State Agencies' participation in the State's Open Data Program and outlines expectations for inventorying, prioritizing, and publishing open data.



## Open Data Technical Standards Manual

The [Open Data Technical Standards Manual](#) provides quality, formatting, and description guidelines for release of publishable data on the web portal at data.oregon.gov, and requirements for agencies publishing open spatial data in compliance with the State's Open Data Standard.

## Open Data Coordinator's Handbook

The [Open Data Coordinator's Handbook](#) provides detailed instructions to help appointed data coordinators in completing the deliverables of the Open Data Standard, including an agency data inventory, open data plan, and in architecting processes to publish open data.



# Open Data Standard

[data.oregon.gov](https://data.oregon.gov)

*The Socrata Data Management Platform allows for multiple options in developing a workflow for open data, automating data publication to the portal, and provides mechanisms for both data consumers and publishers to interact with datasets made available on the portal through APIs.*

The screenshot displays the data.oregon.gov portal interface. At the top, there is a search bar and a navigation menu on the left. The main content area shows search results for 2209 items, sorted by 'Most Accessed'. The results are categorized by Authority (Official, Community) and View Types (Calendars, Charts, Data Lens pages, Datasets, External Datasets, Files and Documents). The visible results include:

- Active Trademark Registrations** (Business): A dataset listing trademark registrations active on the record of the Secretary of State Corporation Division as of the end of the previous month. Updated April 2, 2021, 160,971 views. Tags: registration, service mark, trademark. API Docs.
- CalendarView** (Calendar): A calendar view for public meetings. Updated April 9, 2021, 151,143 views. Tags: No tags assigned.
- Mile Posts** (Map): A map showing mileposts on state owned highways. Updated January 31, 2015, 146,139 views. Tags: No tags assigned.
- ODFCamping** (Recreation): A map showing recreation opportunities on Oregon Department of Forestry State Forestland. Updated March 13, 2020, 129,831 views. Tags: boating, paddling, horseback riding, biking, hiking, and 3 more.

NOTE: **data.oregon.gov** (currently) uses Socrata

# Open Data Standard

## Publishing Spatial Data

*Oregon's geospatial community has put extensive effort into establishing standards and avenues for publishing and sharing spatial data through portals such as the Oregon Spatial Data Library, and Oregon's ArcGIS Online Portal. Agencies may continue to publish geospatial data through these platforms, and utilize these portals in order to publish open geospatial data. Geospatial data assets that are published through the Oregon Spatial Data Library and ArcGIS Online must conform to the same quality and structure standards as assets being published on [data.oregon.gov](http://data.oregon.gov), with some additional requirements to accommodate the nature of spatial data.*

**NOTE: continue using OSDL and ArcGIS Online to publish data**

# Open Data Standard

## Framework Data

*Framework should continue to be published to the Oregon Spatial Data Library and will be automatically federated to the [data.oregon.gov](https://data.oregon.gov) catalog. Given the nature of assets provided to the Oregon Spatial Data Library and the quality and conformity standards required as part of the framework publication process, no additional requirements or standards need to be met by data published through the Oregon Spatial Data Library.*

**NOTE: Data published to OSDL already meets requirements**

# Open Data Technical Standards Manual

## Metadata Standard

*Agencies publishing geospatial data should conform to the “Discovery Metadata for Geospatial Datasets,” and may also opt to conform to the Oregon Geographic Metadata Standard, a more detailed standard utilized by the Oregon Framework Development Program.*

**NOTE: Geospatial data intended as Open Data at a minimum must meet requirements defined in “Discovery Metadata for Geospatial Datasets”**



# Open Data Standard

## ArcGIS Online

*Agencies may publish datasets or data assets to ArcGIS Online to meet the requirement for publishing agency open data. In order to publish open spatial data in ArcGIS Online, agencies will need to ensure that the dataset is authoritative data and flag it accordingly within ArcGIS Online.*

*Assets within ArcGIS Online that are considered “authoritative” and meet the technical standards established within the Open Data Technical Standards Manual are automatically linked in the [data.oregon.gov](http://data.oregon.gov) catalog with no action required on part of the agencies.*

**NOTE: You can use ArcGIS Online to publish Open Data. It must meet certain requirements.**

# Open Data Technical Standards Manual

## Discovery Metadata for Geospatial Datasets

*Agencies publishing spatial data to ArcGIS Online are required to complete the following metadata fields in ArcGIS Online.*

- Title
- Snippet
- Description
- Thumbnail
- Attribution
- Category
- Tag(s)
- Licensing

**NOTE: These metadata fields are required**

# Open Data Technical Standards Manual

## Quality and Format Requirements for Spatial Data

*The [list] below indicates the quality and completeness audits that will be performed against assets within ArcGIS Online that are marked as authoritative data, and published to the State's Open Data Group in ArcGIS Online.*

- Authoritative (as defined by GPL)
- Shared through designated Open Data group(s)
- Of Item Type (Feature Service, Hosted Feature Service) w/export
- Provide OGC (encouraged) support (WMS, WFS, WCS, WMTS, etc)

**NOTE: In ArcGIS Online, data intended as Open Data should meet format requirements**

# GEOHub

Enable Secure Sharing of Statewide Framework Data for All Public Bodies as required by ORS 276A.500-515.

*“Provide secure electronic means by which a public body may transmit geospatial framework data to and obtain geospatial framework data from the geospatial data library”*

**NOTE: GEOHub is where public bodies share their Framework data securely**

