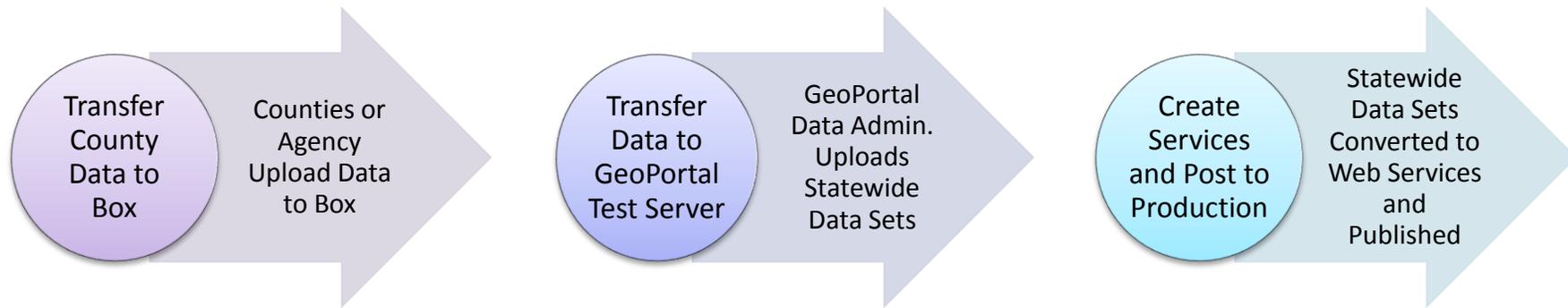


## Guide to Publishing Data Services from Authoritative Data Sources

### The Big Picture



**Purpose:** Provide access to statewide data sets for use in GIS desktop applications and in data/web feature services on the GeoPortal and those published on ArcGIS On-Line (AGOL). Access to the downloadable data will only be made available via the state SFTP site upon request. See documentation under [Resources & Tools](#).

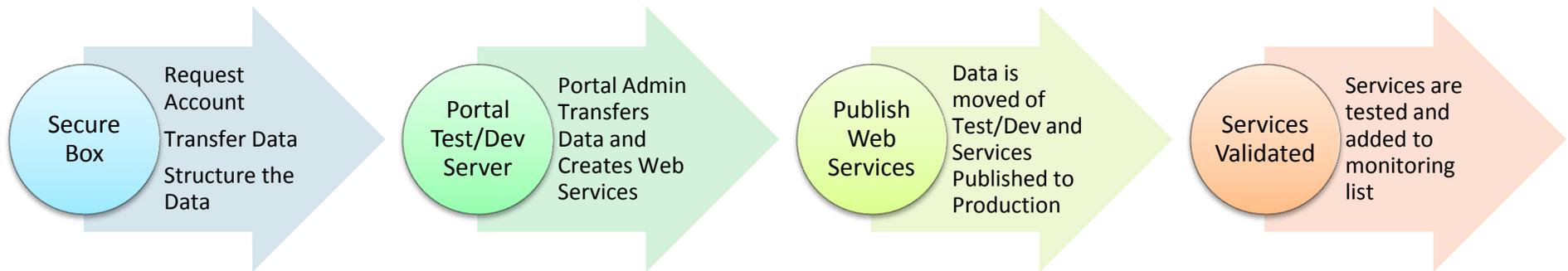
This represents the general flow of data through the systems -- from authoritative data source to appended statewide services for:

Urban Growth Boundaries (UGA), Trail, TaxRoll, Road, Parcel, County, City, Address, Annexation data.

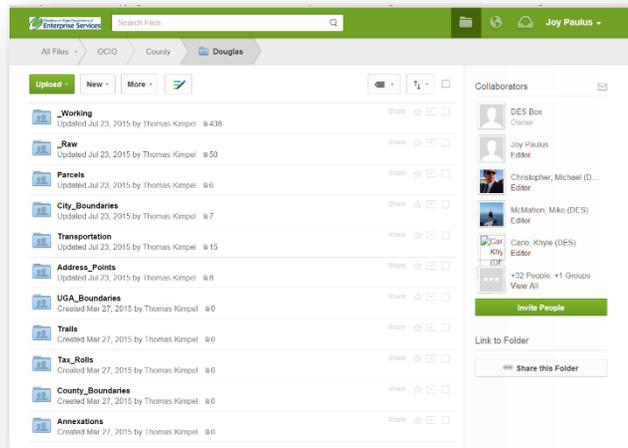
## Processing Data to the GeoPortal and the *geography.wa.gov* Website

### Processing Data in the Physical Environment

#### Step-by-Step



### Physical Environments:

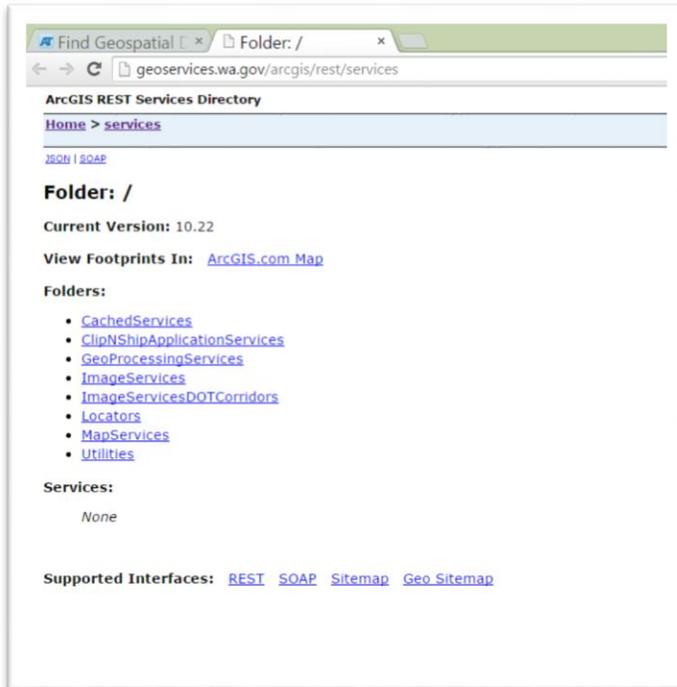


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### Secure Box

- Counties and Cities can upload their data to Box or state agencies can harvest data directly from the Counties/City and placed in the RAW data directory. If the counties would rather use the Secure File Transfer facility that is available as well (see website for details).
- Agencies format the data into the standardized file structure so that automated scripting can be utilized for more streamlined data processing using Python or SAS (see website for details).
- Refer to the Admin folder in Box for additional tips on mapping drives and automating.
- Data can be aggregated and stored in Box for later uploading and publishing in the GeoPortal and later listing on [geography.wa.gov](http://geography.wa.gov) website.

## Processing Data to the GeoPortal and the *geography.wa.gov* Website



### GeoPortal Test/Dev Environment

- Data Administrator pulls data from Box and places it in either the Image or Thematic data directory on the Data File System
- All data processing occurs here: creating mosaics, appending geometry and attributes and any standardization that might be needed

### GeoPortal Production Environment

- Once the data is ready, the systems administrator will transfer the data to the backend data store on the GeoPortal production server, and
- The sys admin will publish the web service(s) to the Public Production File Server on ArcGIS Servers A & B.