

**Web Map Applications:
The Geo-Web Revisited**


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Web Map Apps

- In the first part of our exercise, you visited various web map applications



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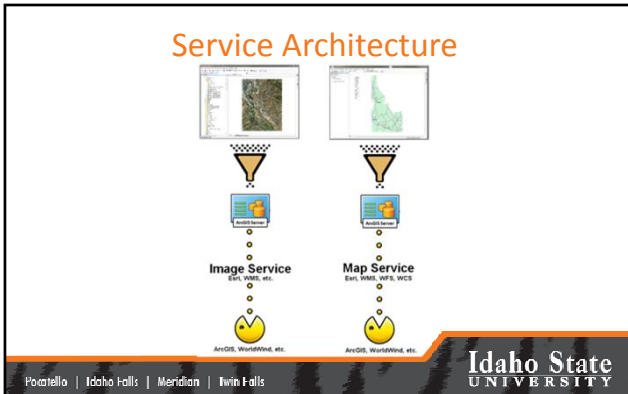
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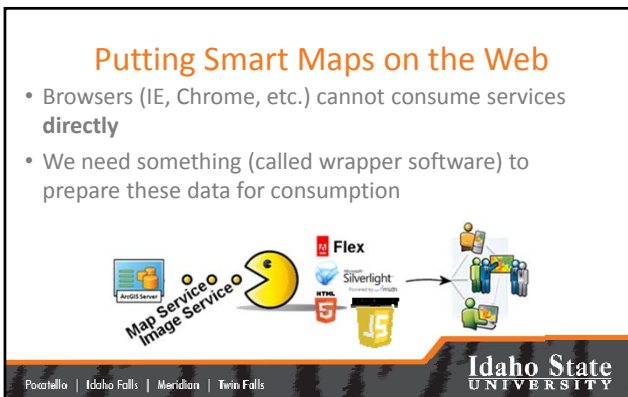
Web Map Apps

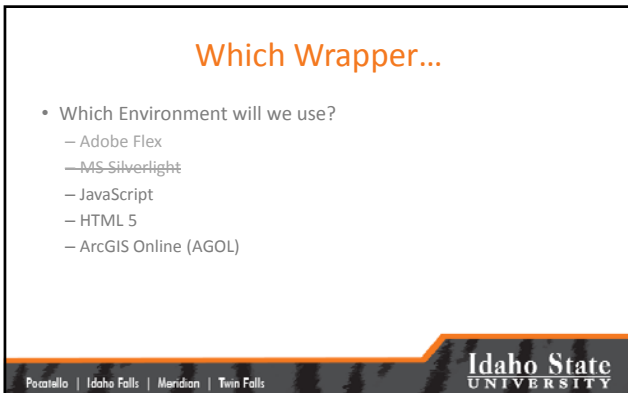
- Web Map Apps rely on a **browser** and wrapper software to deliver GIS content to the client
- It is the browser that “consumes” the service(s)
- Web Map Apps are frequently “mash-ups” of various services

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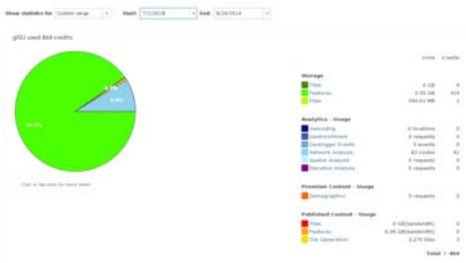




AGOL Architecture

- AGOL is a cloud resource
 - ISU’s AGOL account is called **gISU**
 - Each of you already has (should have) a user account on gISU
 - gISU is allowed 3,000 user accounts
 - gISU is allowed 15,000 credits under our site license

Credits: Things you Need to Know!



Credits: Things you Need to Know!

- Storing geospatial data in the AGOL cloud costs credits
- Creating and storing TILES in the AGOL cloud costs LOTS of credits
- What do we do???

Leverage all our resources

- Create and store OUR geospatial data on OUR server
 - Fuji or Etna
- Create web services (map/image services) on OUR server
- Share these services' end-points with AGOL



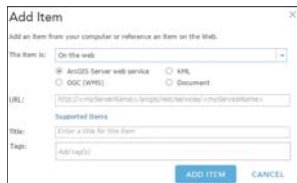
How?

- AGOL– My Content– Add Item



How to...

- The ITEM URL expects a REST or SOAP end-point



How do I find my end-point?

- Use ArcCatalog from your desktop
 - Connect to your server (Fuji or Etna) as administrator

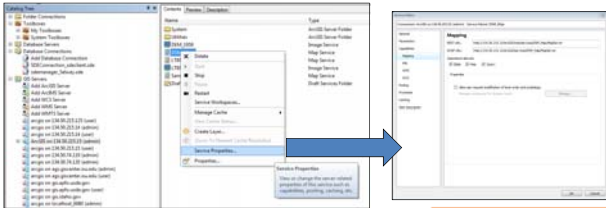


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How do I find my end-point?

- Using this connection...
 - View SERVICE PROPERTIES



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Copy and Paste

- Copy the REST end-point from ArcCatalog
- Paste it into AGOL

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Time to Share

- From AGOL, share your item!
 - Once you add an ITEM to AGOL you can easily share it **with others** (by named group) or with **EVERYONE**.
 - Recall our discussion of permissions from the “Systems Administration” section of this class

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Now its time for Cartography

- Make your map using AGOL tools
 - Explore
 - Have fun!
 - Detailed instructions in this week’s exercise document
- Since the data is not uploaded to AGOL, you will not use any credits!

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Questions?



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