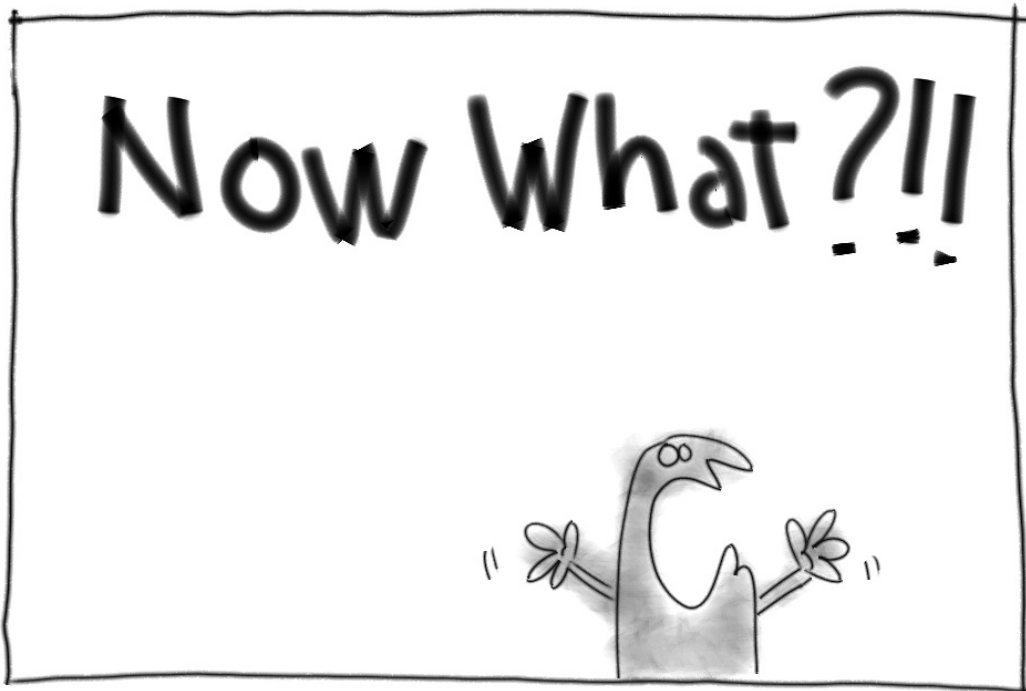


GARP 0317: Cookbook 15 October 2012

Now what? (Part 1)

Overview

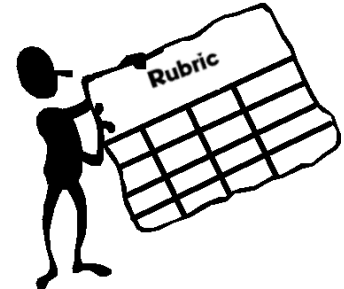
1. Assess Yourself!
2. Something cool: *Storytelling with Maps*
3. Something cool: *LocalData*
4. Something cool: *Hestia*
5. Data for Westfield State University
6. Data for Westfield and Beyond
7. Now What?!!



1) Assess Yourself!

If you have not done so yet, please complete the rubrics on the website to assess yourself – how would you assess *You in Space!* and your ArcGIS Online Tutorial? Then we can compare our assessments!

- You in Space! Rubric
http://www.westfield.ma.edu/uploads/cbraun/youinspacefall2012_rubric.pdf
- ArcGIS Online Tutorial
http://www.westfield.ma.edu/uploads/cbraun/arcgisonline/tutorialfall2012_rubric.pdf



Don't forget to total your points!

2) Something cool: *Storytelling with Maps*

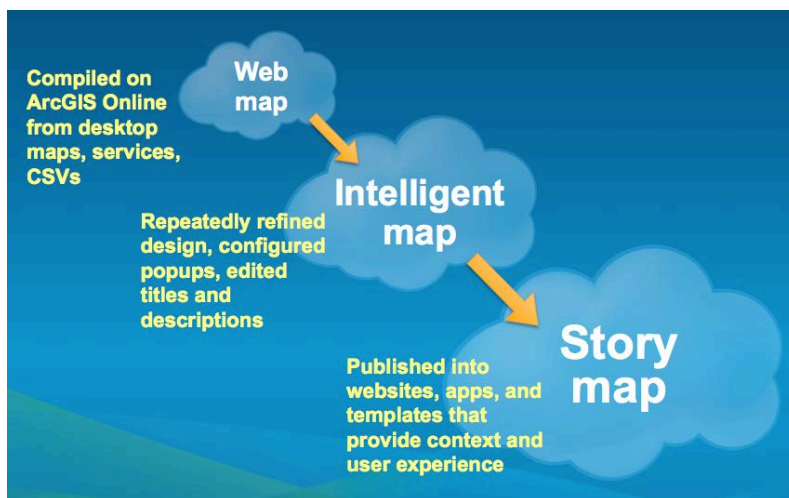
Story maps combine intelligent Web maps with Web applications and templates that incorporate text, multimedia, and interactive functions. Story maps inform, educate, entertain, and inspire people about a wide variety of topics.

Main website: <http://storymaps.esri.com/home/>

White paper: <http://storymaps.esri.com/downloads/Telling%20Stories%20with%20Maps.pdf>

Video: <http://www.youtube.com/watch?v=2dwZZPj707I>

2.1) Web Maps, Intelligent Maps, Story Maps



What's the difference between Web Maps, Intelligent Maps, and Story Maps?

See <http://blogs.esri.com/esri/esri-insider/2012/07/17/web-map-intelligent-map-story-map-what%E2%80%99s-the-difference/>

2.2) Create your own Story Maps!

This is easy – all you need is a template and a web map!

Templates provide an easy way to publish your own story map (without having to write code). Each template uses a distinct story-telling technique. You supply the web map and the words. File downloads include the web files you will need, plus a readme file explaining configuration.

More Information:

- Story Map templates
<http://storymaps.esri.com/templategallery/>
- Designing good pop-ups
<http://storymaps.esri.com/downloads/DesigningWebMapPopups.pdf>
- How to create a story map
<http://storymaps.esri.com/downloads/Building%20Story%20Maps.pdf>

3) Something cool: *LocalData*

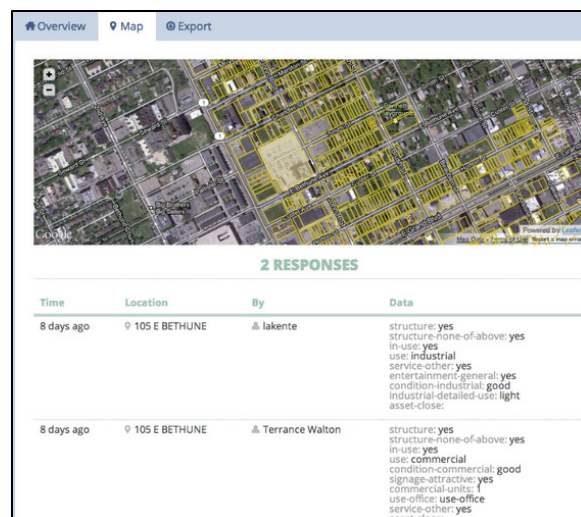
This is worth checking-out: a digital toolkit for communities.

<http://golocaldata.com/>

LocalData empowers communities to collect data with new tools. Smartphone and paper-based surveys, simple online management and instant visualization will let you use data without an expert.

More Information

- Co.Design Blog
<http://www.fastcodesign.com/1670954/localdata-an-app-that-helps-communities-do-their-own-urban-planning#1>
- Great vimeo video:
<http://vimeo.com/44016871>



4) Something cool: Hestia

This is cool (and sort of a Web GIS):

The Hestia Project at <http://hestia.project.asu.edu/index.shtml>

Hestia estimates greenhouse gas emissions across a city's landscape, right down to its individual buildings and roadways via an interactive, photorealistic, three-dimensional visualization of the Earth.

Good Article!

- The Atlantic Cities
<http://www.theatlanticcities.com/technology/2012/10/watch-city-aglow-greenhouse-gas-emissions/3528/#>

Make sure you watch the videos!

- Hestia hourly animation
<http://hestia.project.asu.edu/images/hourly.18sec.short.mov>
- Hestia seasonal animation
<http://hestia.project.asu.edu/images/seasonal.33sec.short.mov>
- Hestia overview
<http://youtu.be/ujD52RTvyME>



5) Data for Westfield State University

Remember: these data sets were due Tuesday 9 October 2012!

We need them to continue, so please:

- Get the data finished
- Add the attribute data
- Get the data quality-controlled
- Add the metadata
- Create a simple web map
- Upload the shapefiles to Yammer

Refer to the 1 October 2012 cookbook for more information.

http://www.westfield.ma.edu/uploads/cbraun/garp0317_cookbook10012012.pdf

ASAP!

6) Data for Westfield and Beyond

Those data still need to be created – here’s a list based on what we compiled a couple of weeks ago:

- Locations where Owl Bucks are accepted
- Local restaurants (with star ratings and cost estimates from Yelp)
- Fast food ‘restaurants’
- Retail stores (liquor stores, grocery stores, supermarkets, department stores, malls)
- Gas stations and convenience stores
- Pharmacies
- Clubs and bars
- Movie theaters and museums
- Sporting venues and concert venues
- Gyms
- Health food stores and Farmer’s Markets
- Services (city hall, YMCA, haircuts, car service, hospital, etc.)

This list is not complete – what data do you think are still missing?

Think about it and scribble your ideas below.

7) Now What?!!

- We have a web mapping tool (ArcGIS Online) and we know how to use it.
- We know what data we need.
- We know how to create data.
- We have created some data.

What's still missing? What do we still need to learn, get, organize, etc.?

1. How will this Web GIS 'look' on the WSU website: a bunch of links, embedded maps, a bunch of web applications, perhaps a dedicated Google website?
2. Design – how will we create a good design?
3. How do we deal with photos and videos?
4. What about data quality – are our data good enough (= authoritative) to share with the rest of the world?
5. What do we do if we find mistakes?
6. What do we do if some spatial, attribute, metadata, or photographs are missing?
7. Who updates the data and Web GIS?

This list is not complete – what questions remain in your mind?

Think about it and scribble your questions and ideas for solutions below.