Please feel free to jump in at anytime !

Using ArcGIS online to create websites and mobile applications

PS: I did this over a year ago and my brain is less than 100% grey matter nowadays

Survey Corner Application

- Needed to link surveyor documents that were in .pdf and word formats
- Last digit in surveyor document needed to be converted from a numeral to a letter (1, 2, 3 = S, W, SW)
- Found a batch file converter free online to rename files for linking
- Placed all the converted documents in the wwwroot folder of web server
- Used data in SDE and created REST service to be used in ArcGIS Online

Naming Convention

Needed to keep under 50 characters as text field

Field calculate to link documents

Monument	Linked_pdf	Word_Doc_link
F5101S SET CO MON	http://www.winonaco.com/Corners/5101s.pdf	http://www.winonaco.com/Corners/5101s.docx
F5101SW (CO. MON.)	http://www.winonaco.com/Corners/5101SW.pdf	http://www.winonaco.com/Corners/5101SW.docx
A5101W COMP PRORATED POS	http://www.winonaco.com/Corners/5101w.pdf	http://www.winonaco.com/Corners/5101w.docx

String

"http://www.winonaco.com/Corners/" + Mid([Monument] ,2,6) + ".pdf“

*Used find and replace in Access to eliminate the space? (If I remember correctly)

Use of Community Analyst & NHGIS for updating comprehensive plan maps

- NHGIS.org (lots of census data and a 50+ page instruction manual on how to use web site)
  - Most data at state level but found some data at census tract level which was used. Initially kept getting thousands of tables in queries, then read directions

- ESRI Community Analyst
  - Mostly restricted to use their online site without a full subscription
  - Was able to export some data as spreadsheets, converted field values & run queries, and massage the data to use with some manual data development

Winona County Comprehensive Plan Update-2013

Overall Growth and Development Information

Have been using/learning photo simulation to combine with GIS for Economic Development projects by using Adobe Photo Elements

St Charles Northstar Foods Site Redevelopment
Photo Simulation Concept A - Three Story Mixed Use

St Charles Northstar Foods Site Redevelopment
Photo Simulation Concept B - Two Story Mixed Use

Upgrading Geodatabase to 10.1

- Again this was started early this year so memory fades
- But I do remember it being a big mess and things got broke (like links to data)
- Tried going from 9.3 to 10 using database tools in toolbox
- On phone with ESRI for probably 40 hours trying to get through different errors
- Tried removing certain tables, networks, topology, etc
- Then ESRI determined we needed to go to 9.3.1 first, still not sure if this is true but it didn’t work anyhow
- Sent ESRI the database and they couldn't get it upgraded either

Upgrading Geodatabase to 10.1

- Eventually we got a new server & I started from scratch
- Loaded sql2008 on that server and created new empty database (a 10.1 database)
- Created 4 “editors” and one “user” roles, using SA as default super user and SQLServer authentication for login and passwords (Ryan M. suggestions)
- Set up versioning, historical archiving, permissions & Editor tracking in ArcCatalog
- Able to copy and paste most of current data into new 10.1 database (Ryan M. suggestions)
- Some datasets could not be copied and pasted, in these cases import/export .xml was used with success
- Tested it and everything works!!

That’s it! Next