

AIMS Coordinators Meeting Minutes

August 8th, 2013

Host: AIMS

Location: Johnson County Administration Building

Presentations:

Aaron Baumgarden

Aaron gave a presentation on the work he has been involved with in working with the Johnson County Appraisals Office, in using Esri's data driven pages in conjunction with python scripts to allow you to implement dynamic tables as well as dynamic text on maps. The python code is used to expand the capabilities of Data Driven pages to allow this functionally, which is not out of the box. It is a download that you can find and download for free. He demonstrated how this works and how simple it is to use and implement. He briefly talked about the project that he is working with the Appraisals Office but for more details on the project, this will be presented at future meeting. If you are interested in downloading the script or want more information, please see Aaron's power point or contact Aaron (aaron.baumgarden@jocogov.org).

<http://aims.jocogov.org/resources/mtgnotes/presentations/2013/Aug/DynamicTables.pptx>

Aaron also gave a recap on the effort he was heading in the evaluation process of ArcGIS Online (AGO) that he and various other cities and entities have been participating in. This effort was to see if AGO was something that would of value to several entries and was part of a 90 day trial and several focus group meeting as well as hands on training. He hit on some of the things the group did and learned as well as the future of AGO in terms of licensing and access. He talked about what AIMS plans were with this application as far as implementation and use in the future. Also talking about their experience was Doug Hemsath of the City of Shawnee in how they are using it with their storm water inlet inspection process and how it has helped aid in this process. It has made it much more efficient and they have seen a cost saving by using this to collect data about the inlet as well as take pictures in the field using iPad technology with other aspects of AGO to make the collection process much faster and simpler to use. He also mentioned how much supervisors liked the dashboard aspect to see live process reports as well as see on the fly conditions of the inlets from the field workers. They are looking to expand the use because of the success of this project. Doug Johnson from the City of Overland Park also talked what they have done with AGO in terms of the evaluation as well as a current effort they are working with their permit inspection group. They have set up a dashboard application that tracks and shows results of permit inspections on a daily basis of one that are to be inspected as well if they pass or fail in real time as they are completed. This allows directors to see process throughout the day as well as see work load by inspectors. This is in its beginning stages, but seems to be well received thus far. Contact either Dough Hemsath (DHemsath@Ci.Shawnee.KS.US) or Doug Johnson (Doug.Johnson@opkansas.org) if you wish for more information about their respective project that they have worked on.

http://aims.jocogov.org/resources/mtgnotes/presentations/2013/Aug/AGO_FG_recap.pptx

Keith Shaw

Keith gave a presentation on the use of query layers in Arc Map. He explained how they can be used from a variety of source data by adding geometry to a table that has an x, y or a lat, long. He demonstrated how to pull these into Arc Map and how simple it is to do. He gave several different examples of how AIMS has done this in terms of use with Arc Map, using them in Arc Server Services and other areas. He also demoed how AIMS has done this with real time data as well as how it can be used to create animations using time aware data. There are many uses of query layers that can be taken advantage of and they are simple to use. Please see Keith's PowerPoint for more information or contact him directly (keith.shaw@jocogov.org).

<http://aims.jocogov.org/resources/mtgnotes/presentations/2013/Aug/QueryLayers.pptx>

Jason Hrabe

Jason talked about several topics and information presented at the 2013 Esri User Conference in San Diego that he attended. He encouraged everyone to view the online video of the plenary sessions if you haven't done so. He shared things in regards to Esri's Arc GIS Desktop 10.2 that is coming out this year as well as some top 10 functionality of the new release. This release looks to be a "Quality Release" in that there is not too much new functionality but more improvements and bug fixes from the previous release. Jason brought up the new platform "Arc GIS Professional" that is coming and what it includes and functionality of it as well as the future of Desktop working in conjunction with Arc GIS Professional. There were several content changes occurring in Arc GIS Online that Jason shared, in terms of aerials, base map and other online content within AGO. The last thing Jason talked about was with the upgrade to Arc GIS 10.2 you will get a new version of Python scripting language (2.7.3) which is different than was released with 10.1 (2.7). There was a lot of buzz around python at the conference and does not appear to be going away. There is much more and better documentation as well as tips and tricks on use of python available online. If you would like more information in regards to any of these topics see Jason's Power Point or contact Jason (Jason.hrabe@jocogov.org).

<http://aims.jocogov.org/resources/mtgnotes/presentations/2013/Aug/ESRIUC2013.pptx>

Dan Steen

Dan also shared what he took away from the Esri's User Conference. He echoed what Jason said about going online and watching the plenary session to get the latest information from Esri. Dan focused more on the web and application development side of things. He discussed what was to come in terms of Arc Server in the latest release and much like desktop is was more of a "Quality Release" as well focusing on performance enhancements and bug fixes rather than functionality upgrades. He discussed some of those enhancements and improvements as well as things to look for when preparing to upgrade. Portal for GIS was a topic he found interesting in that it was an "AGO for Internal Use" that you receive with Arc Server Advanced. Dan discussed the wide variety of new content in Arc GIS for Local Government

and encouraged people if they have not visited the web page in a while to do so, as they have added many new templates that could be very useful. Arc GIS for Developer's is another thing Dan mentioned that had made a major improvement in terms of the wealth of knowledge and resources that are out there specifically with the developer in mind. Java script seemed to be the predominate development platform that he heard at the UC. Another interesting thing he saw was the expanded use of GIT and GITHUB that is an online open access repository for code that people can use, contribute to and modify and share back. Esri has over 50 GITHUB project and will probably only expand that. He encouraged people to look into that as it seems to be growing in popularity. Dan wrapped up by talking about what he heard in terms of the mobile industry and where it is heading. What people are developing for and what platforms they are developing them on. There seems to be continuous debate to develop on the web, a hybrid approach or natively. Lastly he talked about some of the overarching things he heard and took away from the conference. Dan has provided several links to web resources on topics he discussed in his power point presentation. Please see that for more details or contact Dan (dan.steen@jocogov.org).

<http://aims.jocogov.org/resources/mtgnotes/presentations/2013/Aug/ESRIUC2013.pptx>