**NNIPCamp Denver**

Session 3: Thursday 10/23/2014, 2:45pm-3:45pm

Location: Theater

Session Title: Leaflet Implementation

Organizer: Sheila Martin

Primary Notetaker: Katya Abazajian

Participants:



Notes:

* Proposed question: Was using Weave, having trouble figuring out leaflet
* Weave vs. leaflet
	+ Will keep using for now but need something with iPad capability
	+ Using high charts for tables
* Providence - using leaflet on neighborhood profiles
	+ can overlay polygons, points
	+ uses robust library
	+ User friendly legen
	+ Can make an Arcmap that user can understand
		- Use layers from Arcmap to leaflet
		- take shape file with lat/long
	+ Is there a prepackaged front end?
		- Programmers at providence use Json
		- If you dont have programming capacity in house, might be difficult
* Tableau might be helpful because makes maps
* At providence, programmer code for leaflet [is on github](https://github.com/ProvidencePlan)
* Portland’s has a good relationship with Metro and is working with Coalition for Livable future to develop mobile capability
* Ultimate goal is to be able to directly upload Portland’s data
* Programming problems:
	+ Sometimes geospatial things are turned into tiles and you lose attribute data
		- Need to upload shape files, need non=tile based layers
		- Leads to needing points to pull data
* Options other than Leaflet?
	+ Tableau
	+ [Bootleaf from Github](https://github.com/bmcbride/bootleaf)
	+ MapBox, not standalone
* What is the user experience goal?
	+ EquityAtlas in Portland is a good example of what end should look like
	+ Want to be a data viewer more than a data analytical tool?
		- Downloadable data because experienced users just want to download and do it themselves
	+ To give more options to basic users maybe provide specific instruction as a serious of “range sets”?
		- Might be possible to preset limitations to allow/make sure people see an appropriate representation of data
* What attribute of leaflet do you find most helpful?
	+ It’s a blank slate so there is a lot of flexibility
* Without a programmer is Tableau better?
	+ Leaflet is more comprehensive so could be more helpful
* Bootleaf is more canned (user interface)
	+ Need a server then plug it into your data and pulls from leaflet
* Leaflet is good for programmers
	+ CartoDB is a more hosted solution
	+ Style everything, popup windows and then just embed tags into website
	+ Better online user interface
	+ Moving away from Weave?
		- Good for small geographies?
		- Maybe not best style
		- Might be good for large databases
		- Maintaining databases for \weave is very labor intensive
* TileMill <- MapBox desktop version
* ArcGIS Online is a good expensive solution
* Amigo Cloud out of SD, QGIS open source tool
* Flash is not usable anymore - weave
	+ Started doing static images
	+ Would crash in live presentations
* [Data.openoakland.org](http://data.openoakland.org/)
* Record track from Oakland
* Subject areas:
	+ Converting to Json
	+ Embedding maps
	+ Data portals
* Providence built theirs from scratch from Django
* Portland send your question to the listserve
	+ For small discrete things, cartoDB is great, but might bog down when using too much data
* Can NNIP host a discussion of best practices tech tips?
	+ Check out tech tips part of website
* Propublica data journalism does a really good job of cataloging what/how they do data vis
	+ Write metadata for how they construct things
* Share link to [Mr. Data](https://shancarter.github.io/mr-data-converter/)