

1

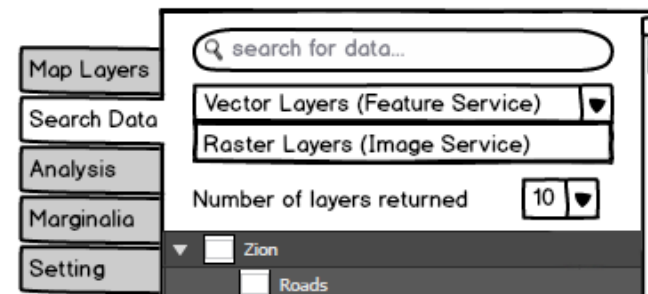
Changed up the tab order...map layers now on the top

Added new "vector base map" concept. This is a default layer that can not be deleted (but can be set to <NONE>)

For the demo we (Redlands) will create 2 of these (Topographic Base Map and HERE Base Map). It's a dynamic map service (http://pod.arcgis.com:6080/arcgis/rest/services/temp/CTM25K_Basemap/MapServer).

When making the web map to export into AI, can you add this dynamic map service to the bottom (like a base map) and the feature service on top? This is a concept we want to try and see how well it performs that would allow us to quickly build more complex maps in AI.

The other layer on top (Zion...and it's sublayer) is our existing workflow of a layer coming from a feature service



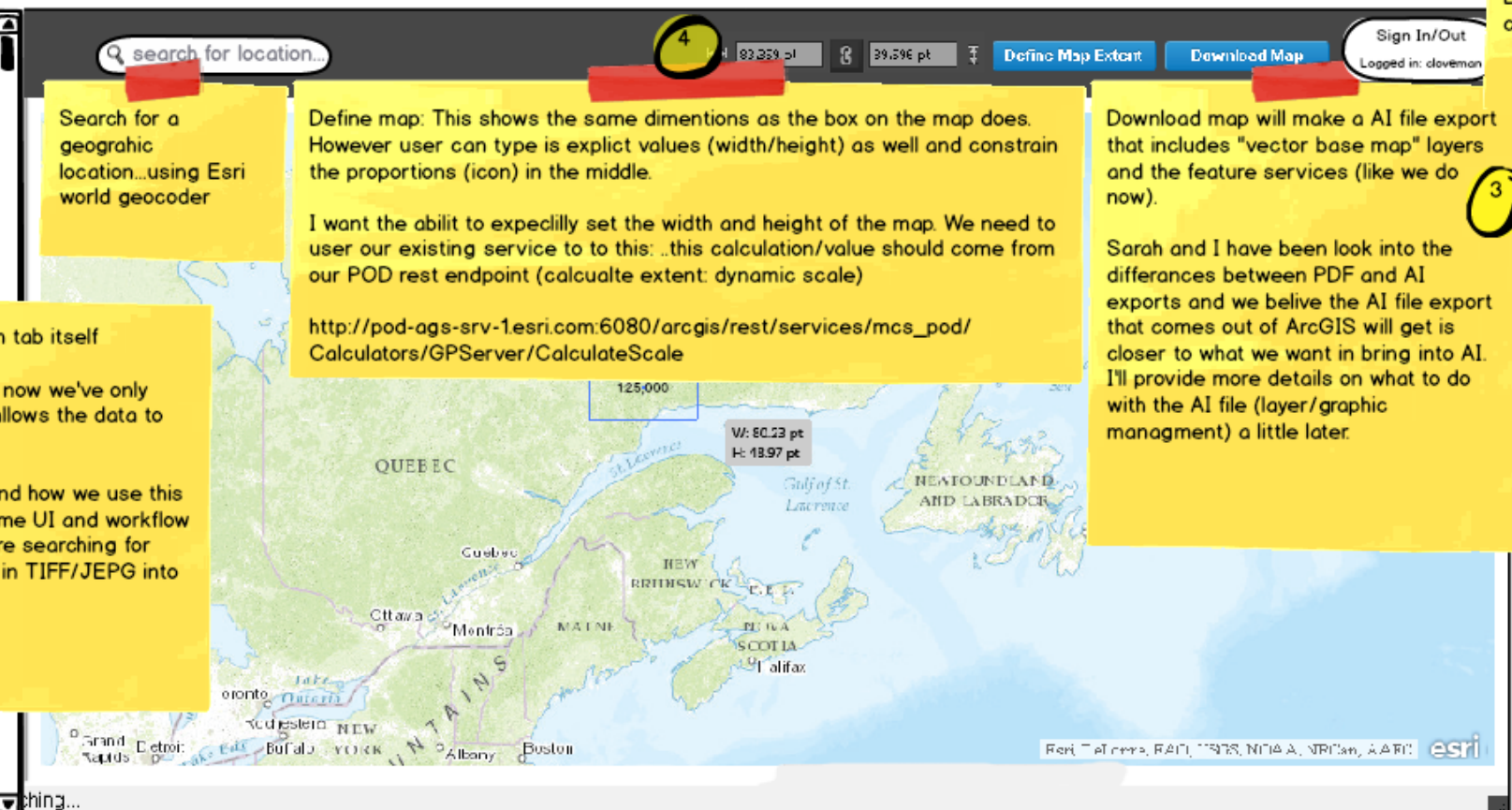
2

Moved search off the map onto the search tab itself

Also added a "filter" for the search. Right now we've only been looking for feature services, which allows the data to come into AI as vector.

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However, I want to expand this concept and how we use this UI as a whole. I'd like to add the exact same UI and workflow to PhotoShop. The only difference is we are searching for rasters (not vectors) and we'd be bringing in TIFF/JPEG into PhotoShop.



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Search for a geographic location...using Esri world geocoder

Define map: This shows the same dimensions as the box on the map does. However user can type in explicit values (width/height) as well and constrain the proportions (icon) in the middle.

I want the ability to explicitly set the width and height of the map. We need to use our existing service to do this: ..this calculation/value should come from our POD rest endpoint (calculate extent: dynamic scale)

http://pod-ags-srv-1.esri.com:6080/arcgis/rest/services/mcs_pod/Calculators/GPService/CalculateScale

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Download map will make a AI file export that includes "vector base map" layers and the feature services (like we do now).

Sarah and I have been looking into the differences between PDF and AI exports and we believe the AI file export that comes out of ArcGIS will get us closer to what we want to bring into AI. I'll provide more details on what to do with the AI file (layer/graphics management) a little later.

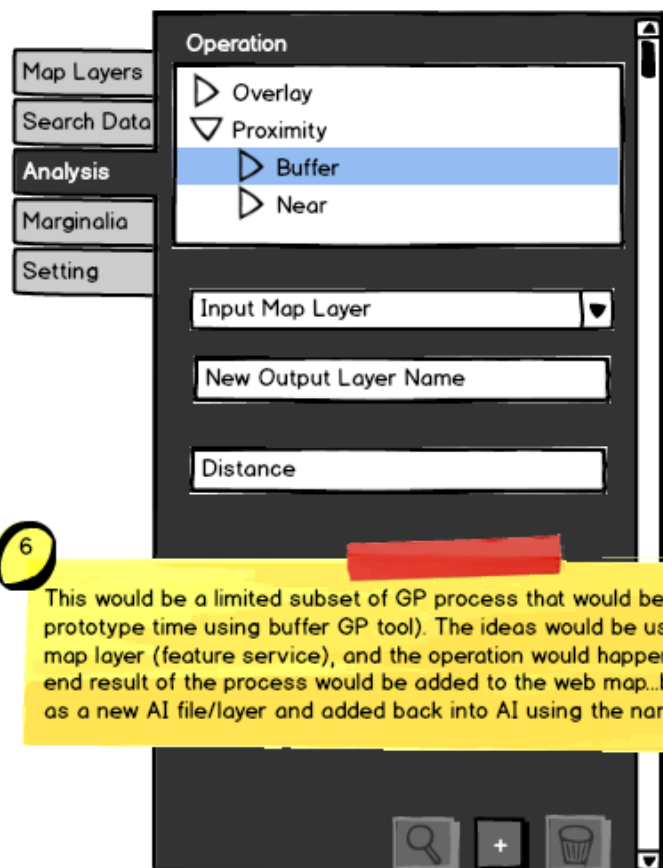
8

Login/out and show current login



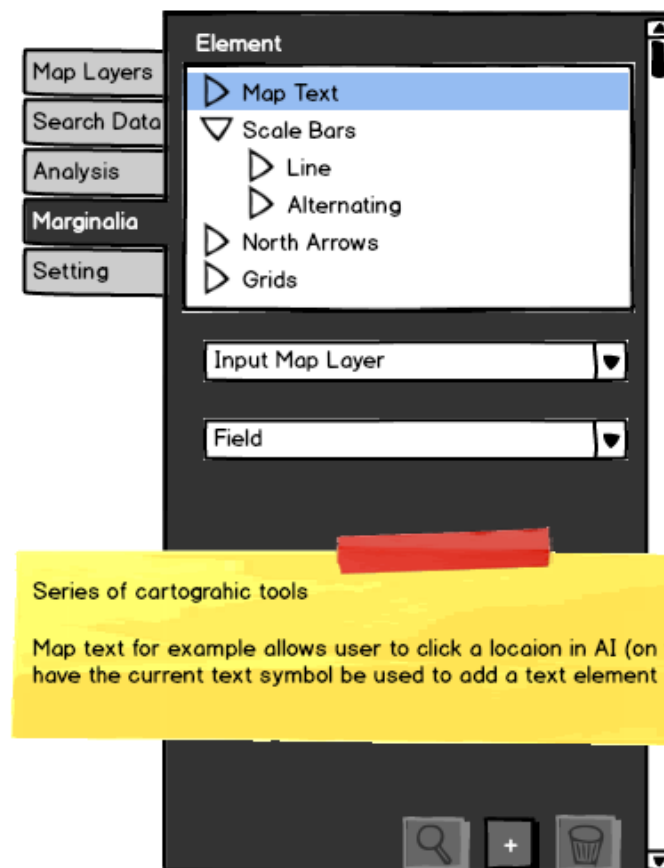
Zoom button will zoom the map display to the selected layer
+ (add) is disabled in the Map Layers tab (as user can not make a new layer without data)
Delete removes layer from the map

Zoom button will zoom the map display to the selected layer
+ (add) adds the selected (found layer) to the map (layers)
Delete is disabled as we don't need to delete search results



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This would be a limited subset of GP process that would be run (we can prototype time using buffer GP tool). The idea would be user could select a map layer (feature service), and the operation would happen in AGOL and the end result of the process would be added to the web map...but also exported as a new AI file/layer and added back into AI using the name given



Series of cartographic tools

Map text for example allows user to click a location in AI (on the map) and have the current text symbol be used to add a text element