Mapping Acadia using ArcGIS Online and Scalar

This tutorial provides step-by-step instructions for creating maps in ArcGIS online and embedding a map using Scalar.

Part One: A basic map with image layer added

1. Go to www.arcgis.com and sign in using your ArcGIS Online credentials.
2. Click the Map tab.
3. Click Add > Search for Layers. The default search looks in your content.
4. Click My Content and select ArcGIS Online.
5. Enter the search term "7 years war". Scroll down until you see the layers by 'sjanzen'.
6. Click the plus sign to add a layer (British French Dominions 1757) to the map.

7. The map automatically zooms to the extent of the layer.
8. Select Save > Save as
9. Enter an appropriate title, tags and summary then click SAVE MAP.

10. Click Share.
11. Click the check box beside Everyone (public) (required when embedding).

12. Click EMBED IN WEBSITE.

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13. Enter the Width (900) x Height (500)
14. Under Map Options, check the Home Button (when a user clicks the home button, the map will zoom to the default extent. This is handy if the user zooms out of control.)
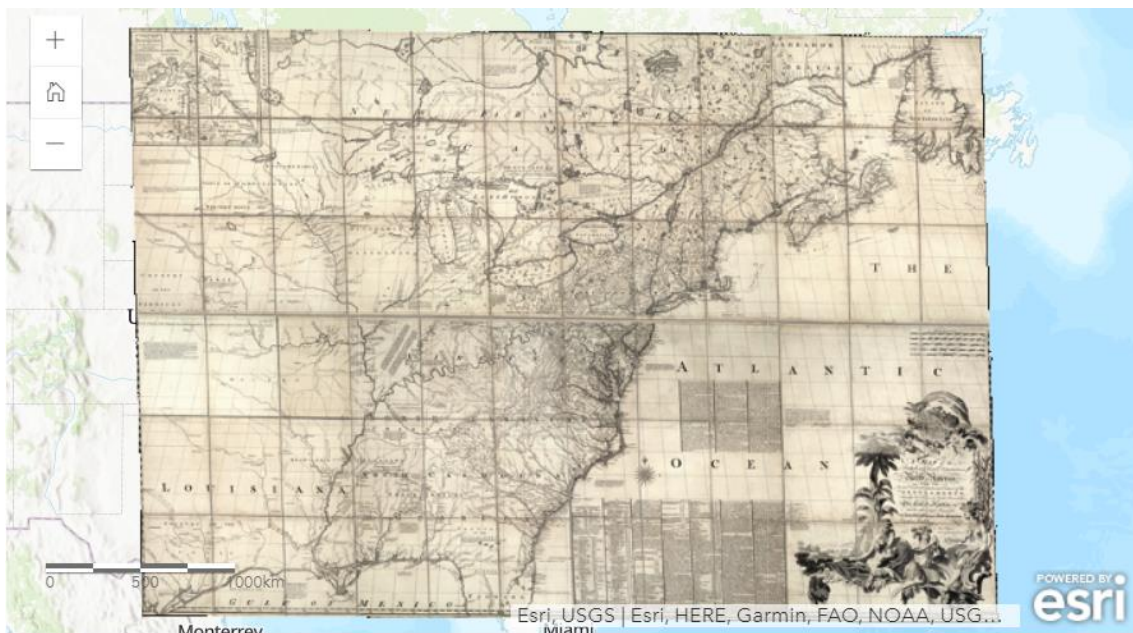15. Uncheck Disable scroll zoom (This allows the user to scroll zoom when the mouse rests over the map).

16. Click COPY beside the embed code (copies the code to the clipboard).
17. Click DONE.

Embedding a map in Scalar

1. Go to your Scalar website http://libraries.danieljosephsamson.com/ilse-st-jean-the-expulsion-of-1758--/index and click the Edit button
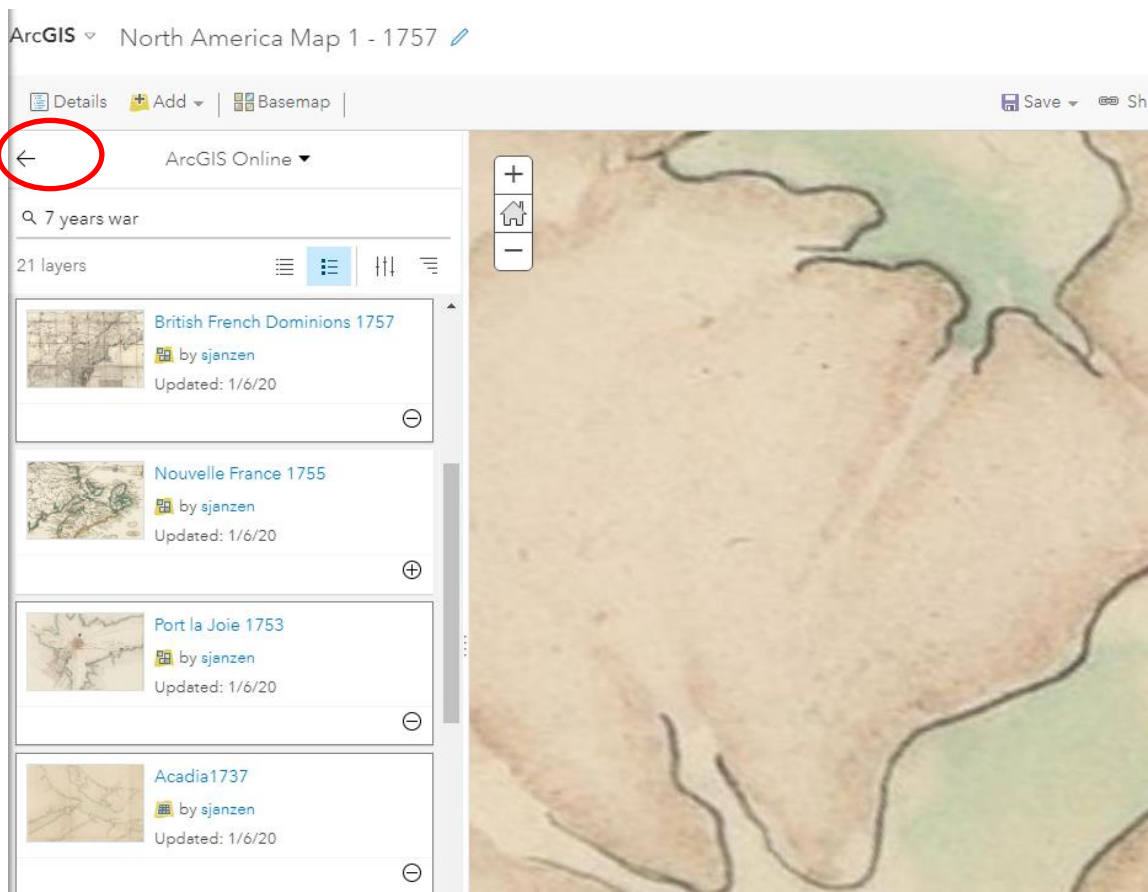
https://bit.ly/2vuy14R

2. Click [Source] to view the HTML source code.
3. Scroll to the bottom of the source code and add paragraph tags <p> </p>
4. Place the cursor between the tags and right-click > Paste (or CTRL-V) the embed code.
5. Scroll down to the very bottom of the Scalar window and click Save and View.
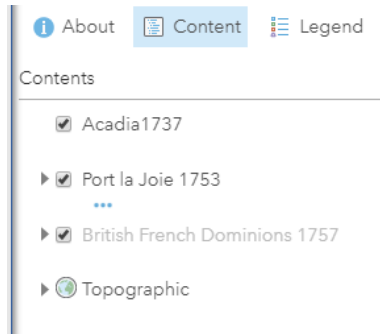
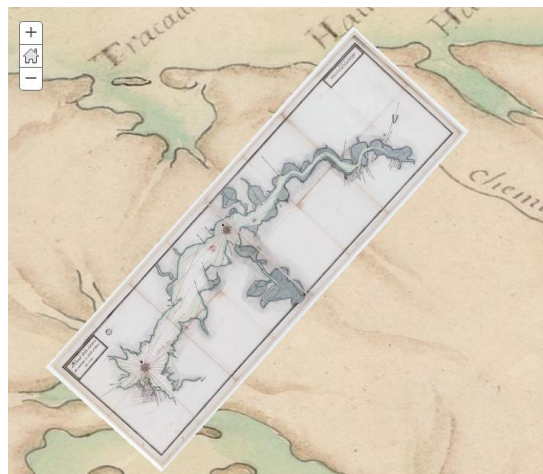**Part Two: ArcGIS Online – maps with set visibility**

1. Go to www.arcgis.com and sign in using your ArcGIS Online credentials (if necessary).
2. If continuing from the last section, your first map should still be open.
3. Add 2 map image layers (Port la Joie 1753 and Acadia 1737).
4. Click the back arrow above the search window (top left of ArcGIS Online window). See image below.
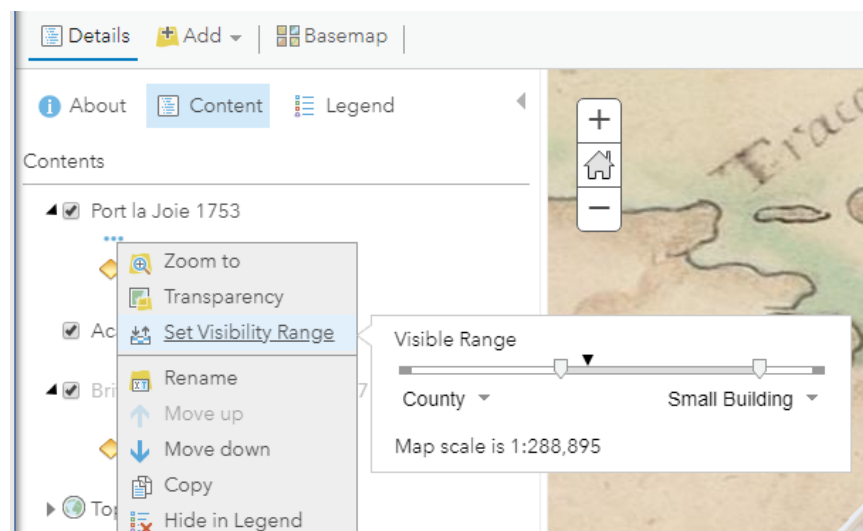
5. The Contents panel shows the 3 layers we've added plus the default Topographic base map.

6. The British French Dominions 1757 layer is grayed out because it has a limitation set for visibility. We will set the visibility defaults for the other two layers so they will only display at certain zoom levels.

7. Click and drag the Port la Joie layer to the top of the contents listing. The Port la Joie map is now visible on top of the Acadia map.

8. Click the 3 horizontal dots below the map image layer name and select Set Visibility.

9. From the visibility range dropdown, select **County (1:750,000)**.

10. Set the visibility for the Acadia 1737 layer to **Country – Small (1:12,000,000).**
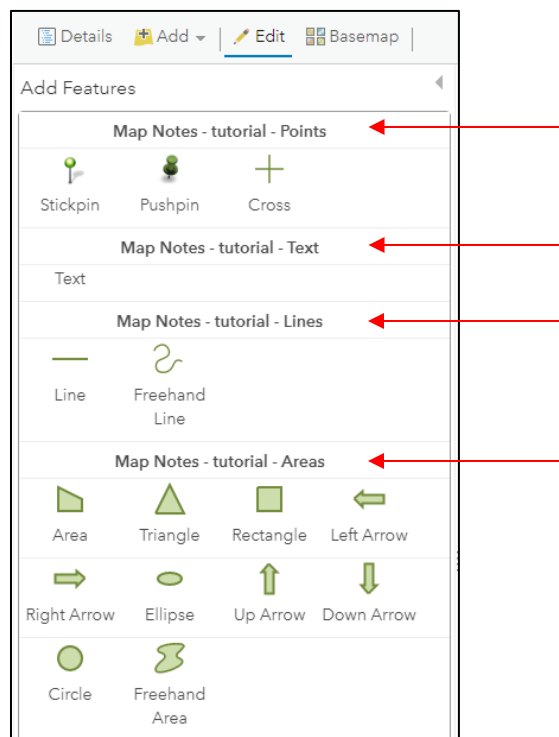
11. Set the visibility for the British French Dominions to **Continent (1:50,000,000).**
12. As the user zooms in on the map, each layer will be visible within the defined extents.
13. Zoom out until the British French Dominions is fully visible.
14. Click **Save > Save as** and provide a new name for the map.
15. Click **SAVE MAP**.
16. Click **Share (Everyone).** Repeat steps from Part One for embedding the map in Scalar.

Part Three: ArcGIS Online – Adding Map Notes

Map Notes are extra text, points, lines and polygons you want to add to your map. We will add a few of these details then set the zoom visibility level.

1. Go to www.arcgis.com and sign in using your ArcGIS Online credentials (if necessary).
2. If continuing from the last section, your map should still be open.
3. In the map view, click **Add > Add Map Notes.**
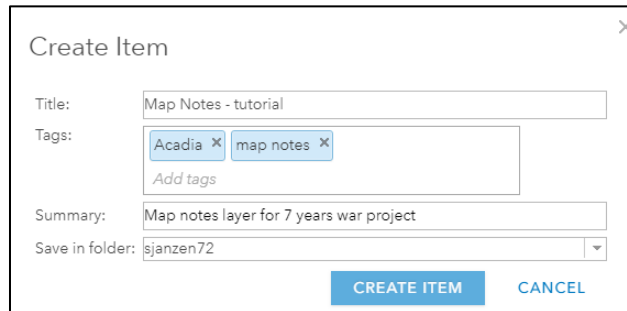4. Provide a name and click **CREATE**.

5. The map notes layer is automatically added in EDIT mode. The options available on the left include points, text, lines and areas.

6. Zoom to an area of interest on the map over **Port la Joie** and add a pushpin.
7. Fill the details of the pop-up with a title and description. You can also add an image (via URL) to the pop up and CHANGE SYMBOL.
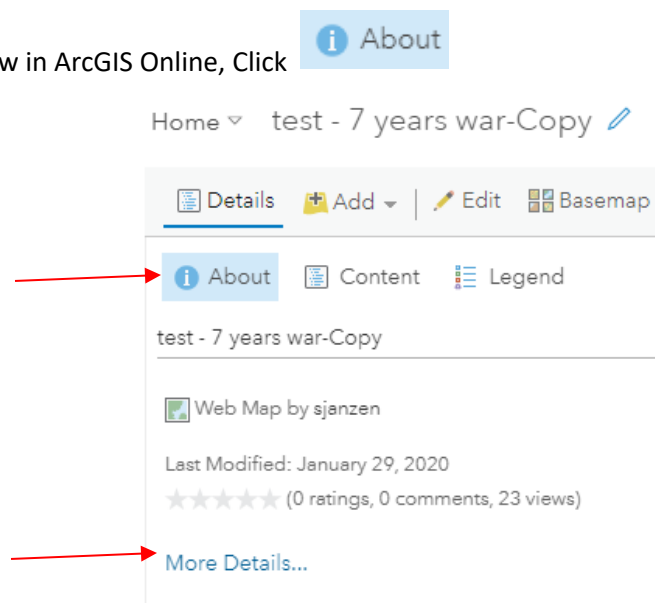
OPTIONAL:
    a. Try doing a Google image search for "Port la Joie PEI". Click **Tools** and select **Labeled for reuse** under **Filter by License** dropdown.
    b. Navigate to an image and copy the image URL to the clipboard.
    c. Paste the URL into the pop up dialogue box under Image URL.

8. Click CLOSE when finished.
9. Explore the other feature options (lines, text, etc.).
10. To stop editing, click ✏ Edit .
11. To save the map notes layer, click the 3 dots below the layer name and click **Save Layer**. You are prompted to **Create Item**. Enter a title, tags and summary, then click **CREATE ITEM**.

12. Set the visibility for the map notes layer such that it only appears when zoomed in to the "cities" level.
13. The map notes layer is now part of your ArcGIS Online content and can be added to other maps as you see fit.
14. 🖫 Save ▾ the map.
15. 🔗 Share the map with **Everyone (public)** and when prompted to share the map notes layer in the same way, click **Update Sharing**.
16. Copy the embed code and add it to the Scalar webpage.

Part Four: Adding a Description

1. From the webmap view in ArcGIS Online, Click ⓘ About
2. Click More Details…

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3. This will take you to the **Item Details** page for the web map.

4. Click the pencil ✏️ Edit to edit the **Description** section. The description will appear on your embedded map if you check off the **Map Details** option from the **Embed** settings.

5. You can also change the **title** and other options from this page.

6. Click **Save** when you are finished adding a description.

Part Five: ArcGIS Online

To access your layers and web maps in the future…

1. Go to www.arcgis.com and sign in using your ArcGIS Online credentials.

2. Click on CONTENT. You will see a list of content including any Web Maps you've created and map notes layers (Feature Layer).

3. Click on a title of a web map and from the **Item Details** page, click **Open in Map Viewer** to begin editing.

For additional help with creating maps contact sjanzen@brocku.ca