

# Do-It-Yourself Exercise

## Contribute to or Utilize Community Data

Section 6 Exercise 2

08/2017



# Contribute to or Utilize Community Data

### Time to complete

Approximately 60-70 minutes.

## Introduction

This do-it-yourself exercise is designed to allow you to apply what you've learned in this section's first exercise with less guidance. Feel free to be creative! It also provides you with an opportunity to further explore available resources and samples.

*Note: Completing this exercise is not necessary to earn your certificate, but completion is required to be eligible to earn an award from Esri!*

## Leverage User-Community Data Sources

In this section's guided exercise, you learned how to acquire data from [ArcGIS Hub Open Data](#) and create a Basic Viewer app from a subset of that data. You may not be very interested in pedestrian safety in Washington D.C., so-in this exercise-we encourage you to use data that you find interesting, whether it comes from the Living Atlas of the World, ArcGIS Open Data, or your own organization.

There are three options for completing this do-it-yourself exercise. Feel free to choose any or all of them.

### Contribute to the Living Atlas of the World

If you or your organization has data that you think is useful and that you want to share, we want you to make it available to your fellow MOOC students and the greater ArcGIS Online community! Through your ArcGIS organizational account, you can submit your data to the Living Atlas of the World. The Living Atlas is the most comprehensive collection of authoritative, ready-to-use, global geographic information ever assembled. Because its themed content is curated from content available in ArcGIS Online, you can contribute data, maps, or apps, which thousands of people can use every day. Click [here](#) to learn how to contribute.

### Create an ArcGIS Open Data portal

If you have an organizational ArcGIS Online subscription, consider creating an Open Data portal. With ArcGIS Open Data, you can set up a customized website and select the authoritative data that you want to share-allowing anyone to search, view, and download your

data in multiple formats. All Open Data portals are integrated with [ArcGIS Hub Open Data](#), providing another interface, in addition to your open-data website, for users to discover your data. Find out more here.

### Build a geo app using authoritative data

Search the Living Atlas or ArcGIS Open Data for data that you are interested in, and then create an engaging app using any of the [configurable apps](#), [Web AppBuilder for ArcGIS](#), or even a [Story Map](#). Check out the [Living Atlas of the World Gallery](#) for inspiration.

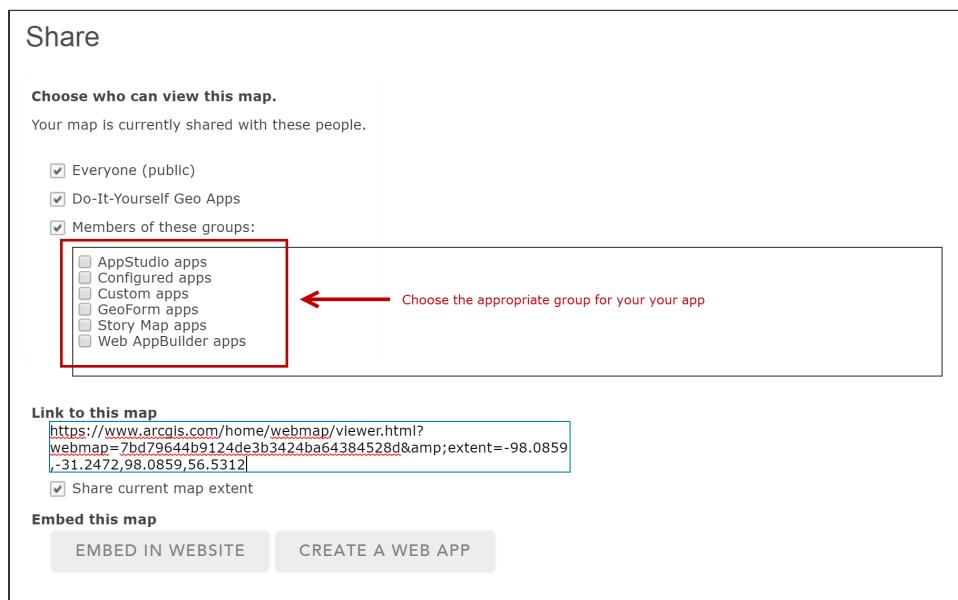
### Share Your App

When you have finished your geo app, be sure to share it in the group that best represents the type of app you have created.

There are three main ways you can share your geo apps to the appropriate group.

#### 1. When you create a new web app from a web map

In the Share dialog, before clicking Create a Web App, [share your web map with Everyone \(public\)](#) and the applicable group.



Share

Choose who can view this map.

Your map is currently shared with these people.

Everyone (public)  
 Do-It-Yourself Geo Apps  
 Members of these groups:

- AppStudio apps
- Configured apps
- Custom apps
- GeoForm apps
- Story Map apps
- Web AppBuilder apps

Choose the appropriate group for your your app

Link to this map  
<https://www.arcgis.com/home/webmap/viewer.html?webmap=bd79644b9124de3b3424ba64384528d&extent=-98.0859,-31.2472,98.0859,56.5312>

Share current map extent

Embed this map

[EMBED IN WEBSITE](#) [CREATE A WEB APP](#)

Then, in the Create a New Web App dialog, select Share This App In The Same Way As The Map.

### Create a New Web App

Specify a title, tags, and a summary for the new web app.

Title:

Denver Amenities

Tags:

denver x points of interest x POI x amenities x

Add tag(s)

Summary:

App highlighting the amenities that Denver, CO has to offer.

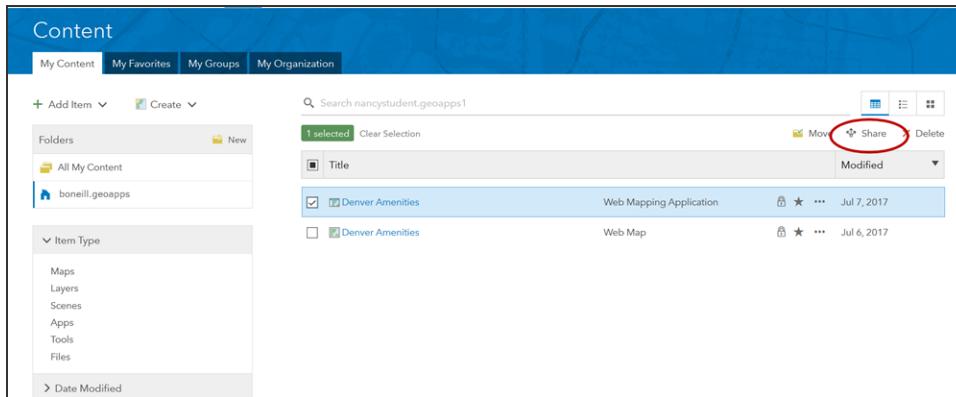
Save in folder:

concell.geapps

Share this app in the same way as the map

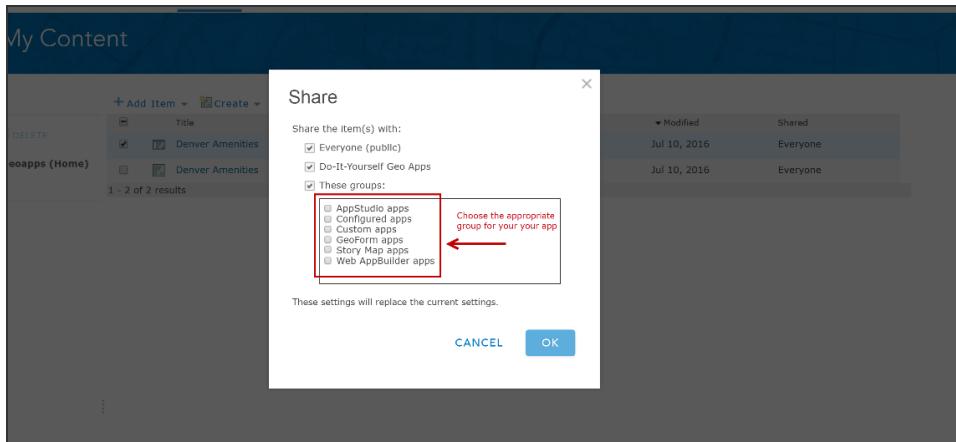
## 2. From Content

From your My Content page, select the web application and click Share.



The screenshot shows the 'Content' tab selected in the top navigation bar. Below it, there are tabs for 'My Content', 'My Favorites', 'My Groups', and 'My Organization'. On the left, there's a sidebar with 'Folders' (containing 'All My Content' and 'boneill.geapps'), 'Item Type' (with options like Maps, Layers, Scenes, Apps, Tools, Files), and 'Date Modified'. The main area lists items with columns for Title, Type, and Last Modified. Two items are selected: 'Denver Amenities' (Web Mapping Application) and another 'Denver Amenities' (Web Map). Above the list, there are buttons for 'Search', 'Move', 'Share' (which is circled in red), and 'Delete'. The 'Share' button is located at the top right of the item list area.

In the Share dialog that appears, select Everyone (public) and the appropriate group.



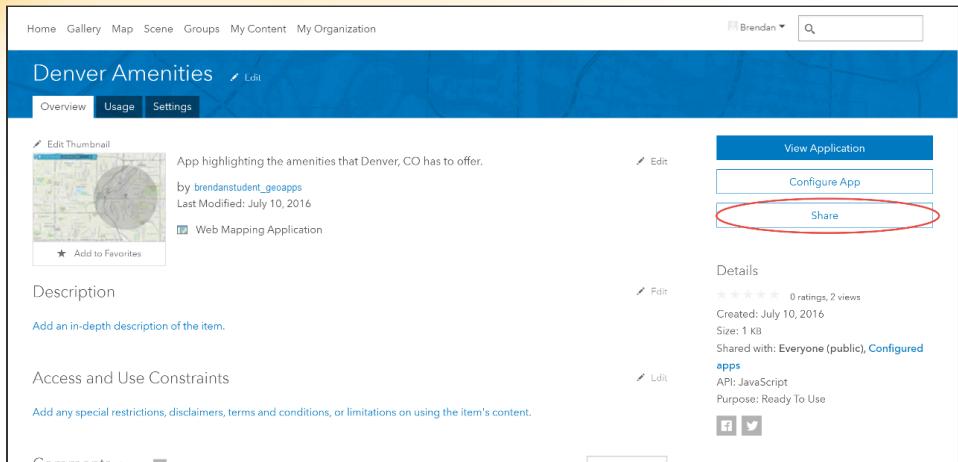
The screenshot shows the 'Share' dialog box over a dark background. The dialog has sections for sharing with 'Everyone (public)' and 'Do-It-Yourself Geo Apps', and a 'These groups:' section. The 'These groups:' section contains checkboxes for 'AppStudio apps', 'Configured apps', 'Custom apps', 'GeoFeature apps', 'Story Map apps', and 'Web AppBuilder apps'. A red arrow points to this section with the text 'Choose the appropriate group for your app'. At the bottom, there are 'CANCEL' and 'OK' buttons. A note at the bottom of the dialog says 'These settings will replace the current settings.'

## 3. From the Item Details page

On the Item Details page, click the Share button.

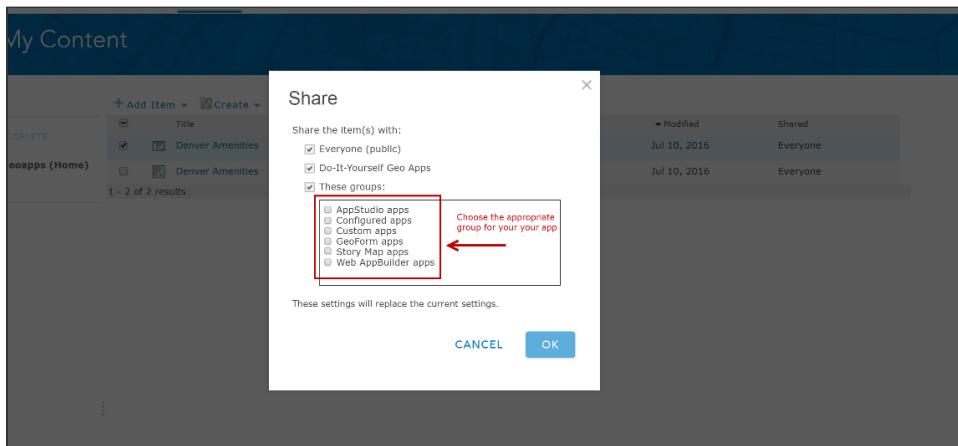


## Do-It-Yourself Geo Apps MOOC



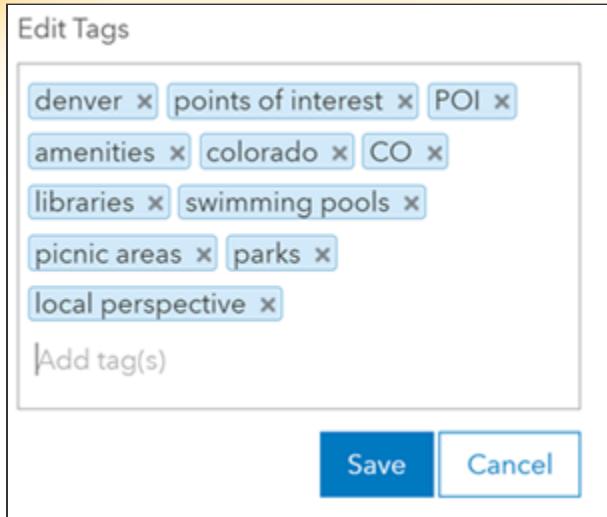
The screenshot shows the 'Denver Amenities' app page. At the top, there are tabs for 'Overview', 'Usage', and 'Settings'. Below the tabs, there's a thumbnail image of the app, its title, author, last modified date, and category ('Web Mapping Application'). A 'Description' section is present with a placeholder for an in-depth description. An 'Access and Use Constraints' section follows with a placeholder for special restrictions. On the right side, there's a 'Details' panel showing statistics like ratings and views, sharing information, and API details. At the bottom right of the main content area, a 'Share' button is highlighted with a red oval.

In the Share dialog, select Everyone (public) and the appropriate group.



The screenshot shows the 'My Content' page with a search result for 'Denver Amenities'. A 'Share' dialog is open over the content. In the 'Share' dialog, under 'Share the item(s) with:', the 'Everyone (public)' checkbox is checked. Under 'These groups:', several checkboxes are listed: 'AppStudio apps', 'Configured apps', 'Custom apps', 'GeoForm apps', 'Story Map apps', and 'Web AppBuilder apps'. A red box surrounds the 'These groups:' section, and a red arrow points from this box to the text 'Choose the appropriate group for your app'.

Tagging your apps appropriately will also help users search and find them.



### Promote Your App in Udemy and on Twitter

Let your peers know about your creation in Udemy. Post a comment in this lecture space to promote your app. You can also use the hashtag #DIYGeoApps to post your creations on Twitter.

### View and Rate Your Peers' Geo Apps

All shared work is easily accessed from your Do-It-Yourself Geo Apps organization Home page. Be sure to view the work of your fellow students and assess the quality of their apps.

After viewing the application, don't forget to rate it and give feedback in the Comments section.

The screenshot shows a map application titled "Richmond Bike Commuters". The map displays bike commuting patterns in Richmond, Virginia, with concentrations shown in yellow and orange. The application has a blue header with the title and a "View Application" button. A red arrow points from the text "View Application" to the button. Below the map are details: "by brendanstudent\_geopapps", "Last Modified: July 7, 2016", and "Web Mapping Application". There is also a "Share" button. The "Details" section includes a star rating (3 stars), "3 ratings, 240 views", "Created: December 30, 2015", "Size: 1 KB", "API: JavaScript", and "Purpose: Ready To Use". Social sharing icons for Facebook and Twitter are present. The "Comments" section shows one comment from "NobleJieDeveloper" with the text "I like this design." A red oval highlights the "Leave a comment" input field and the "Comment" button.

## Earn an Award!

We understand that contributing to the Living Atlas and creating an Open Data portal requires time and resources, so we don't expect every student to do so. Nonetheless, we will give awards to the most popular Living Atlas content and Open Data portals that were created during this course.

Apps that were developed using ArcGIS Open Data information will also be considered in the configured apps, Web AppBuilder, and Story Map categories.

## Learn More

Learn more about the topics in this section:

### General ArcGIS Online resources

[Get started with ArcGIS Online](#)

[Learn ArcGIS \(great tutorial\)](#)

[Smart Mapping tutorial \(data visualization\)](#)

[Web map basics](#)

[Geo App basics](#)

[ArcGIS blog \(great source of current information\)](#)