



Geocoding with ArcGIS Online and the ArcGIS World Geocoding Service

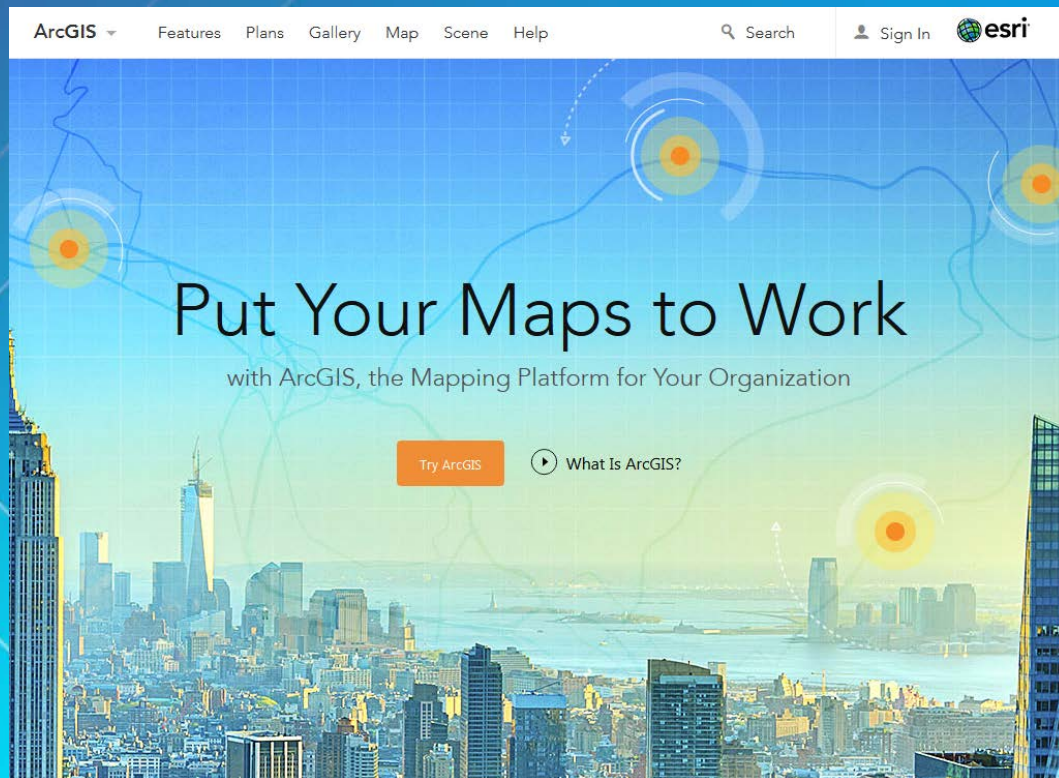
Jeff Rogers and Brad Niemand

What we can expect to learn from this session?

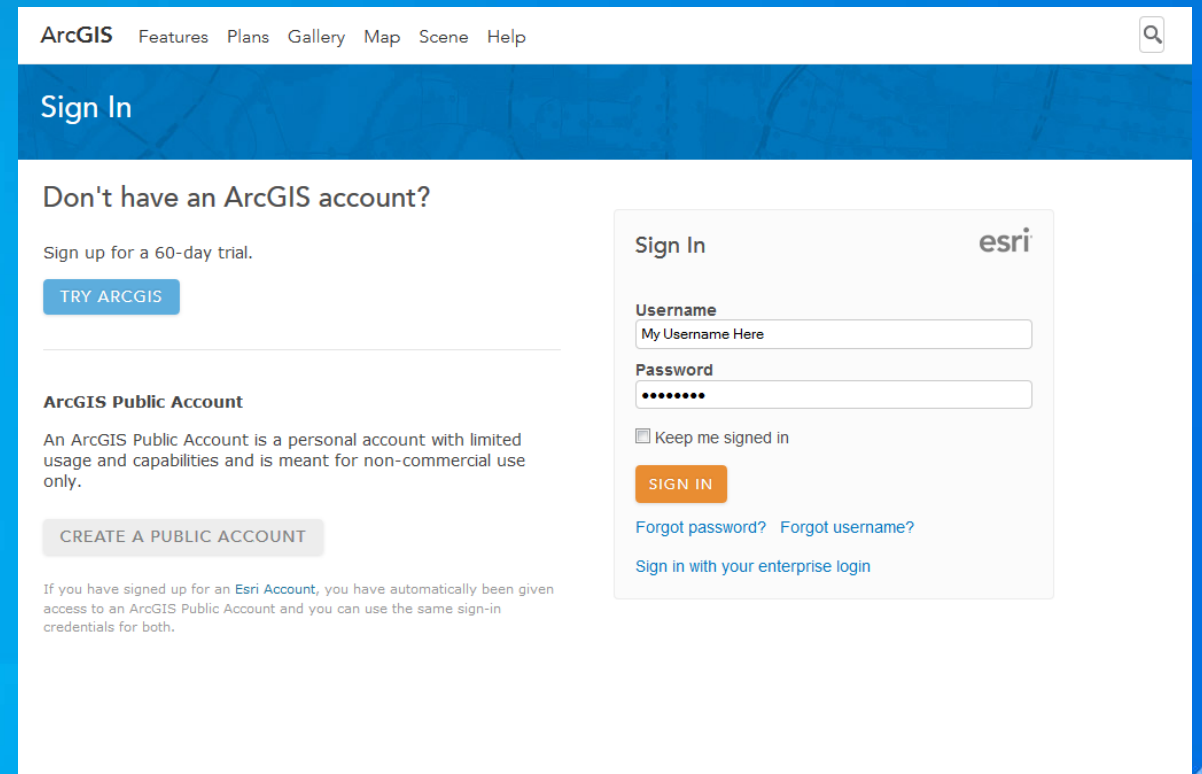
- How can I get started with ArcGIS Online
- What is geocoding?
- What can I geocode with ArcGIS Online?
- How to geocode with the World Geocoding service
- How to geocode using my organizations address data
- How to geocode with my custom map layers
- About developing applications which leverage ArcGIS Online geocoding?
- What does the product roadmap look like for ArcGIS Online geocoding?
- How can I help to improve ArcGIS Online geocoding?

How can I get started with ArcGIS Online and Geocoding?

ArcGIS.com

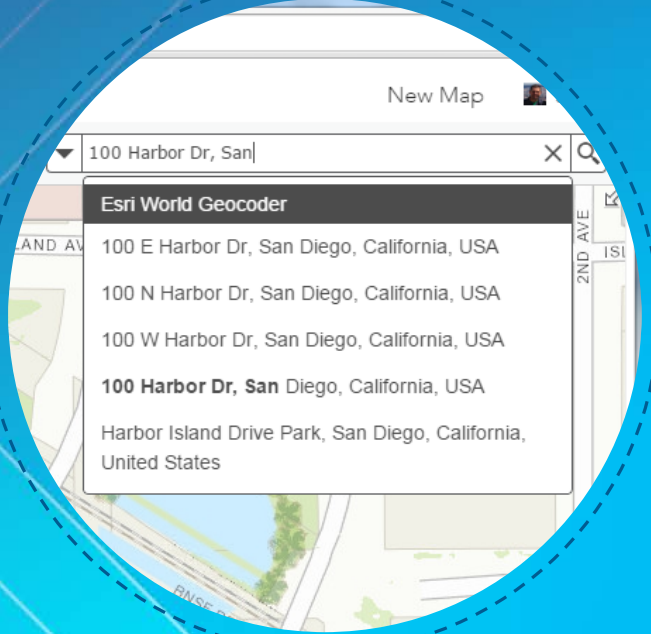


ArcGIS Online Account

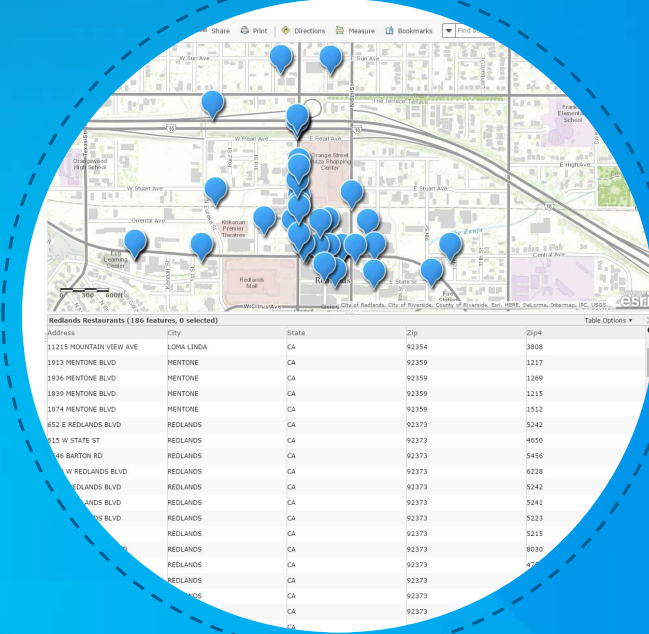


What is geocoding?

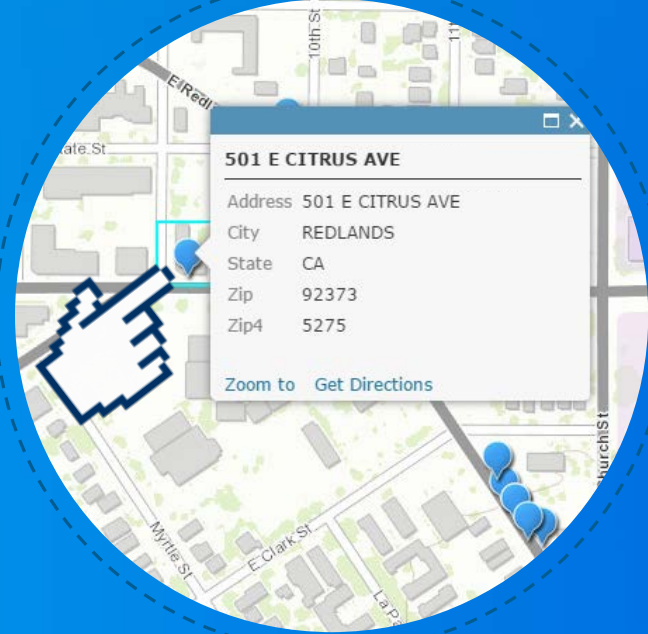
GeoSearch



Batch Geocoding



Reverse Geocoding



What can I geocode with ArcGIS Online?

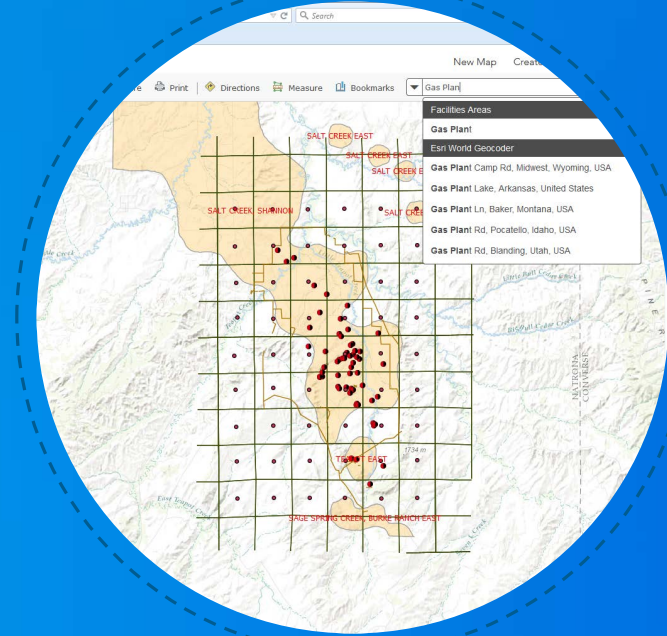
World addresses & places



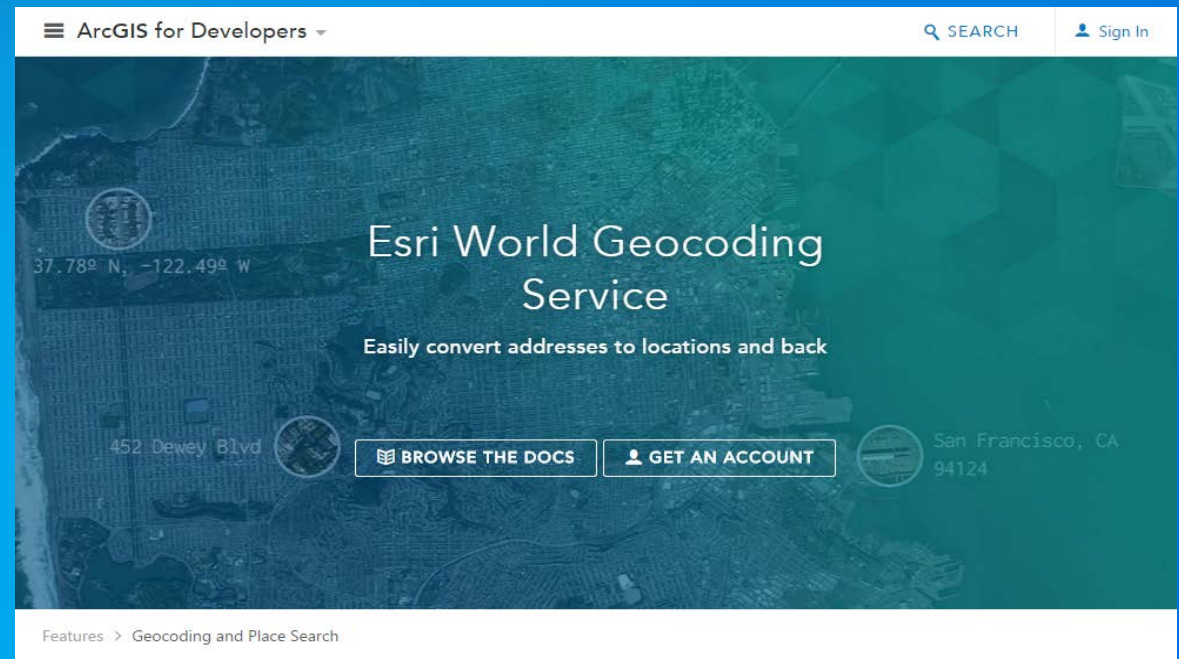
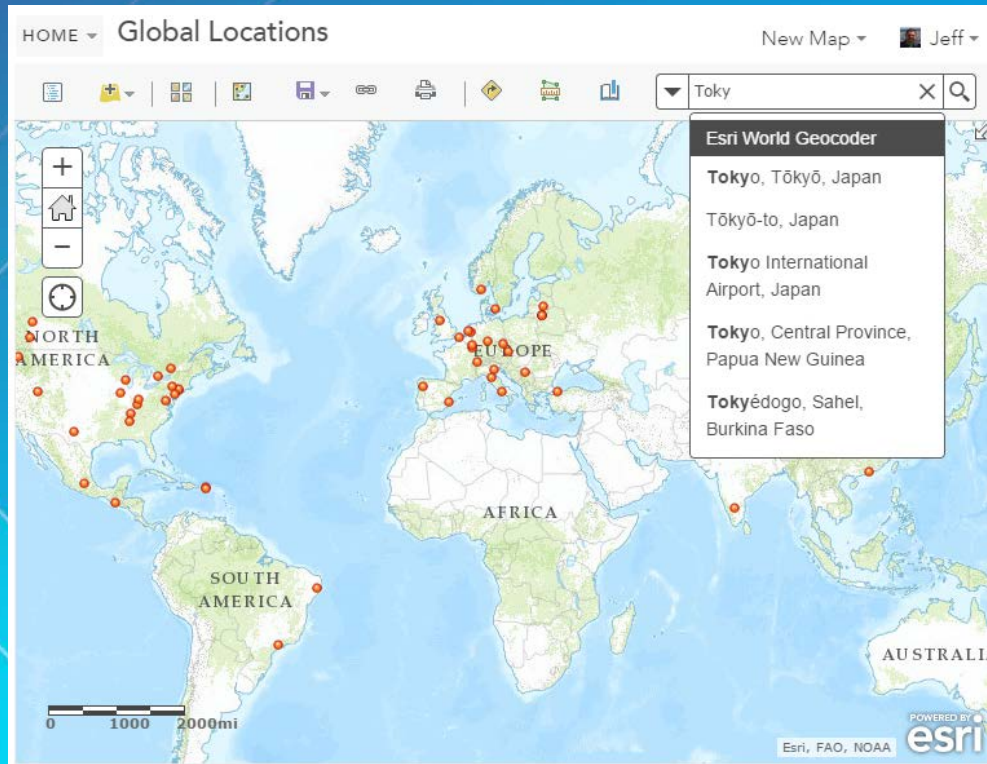
My local addresses



Layers in a Map

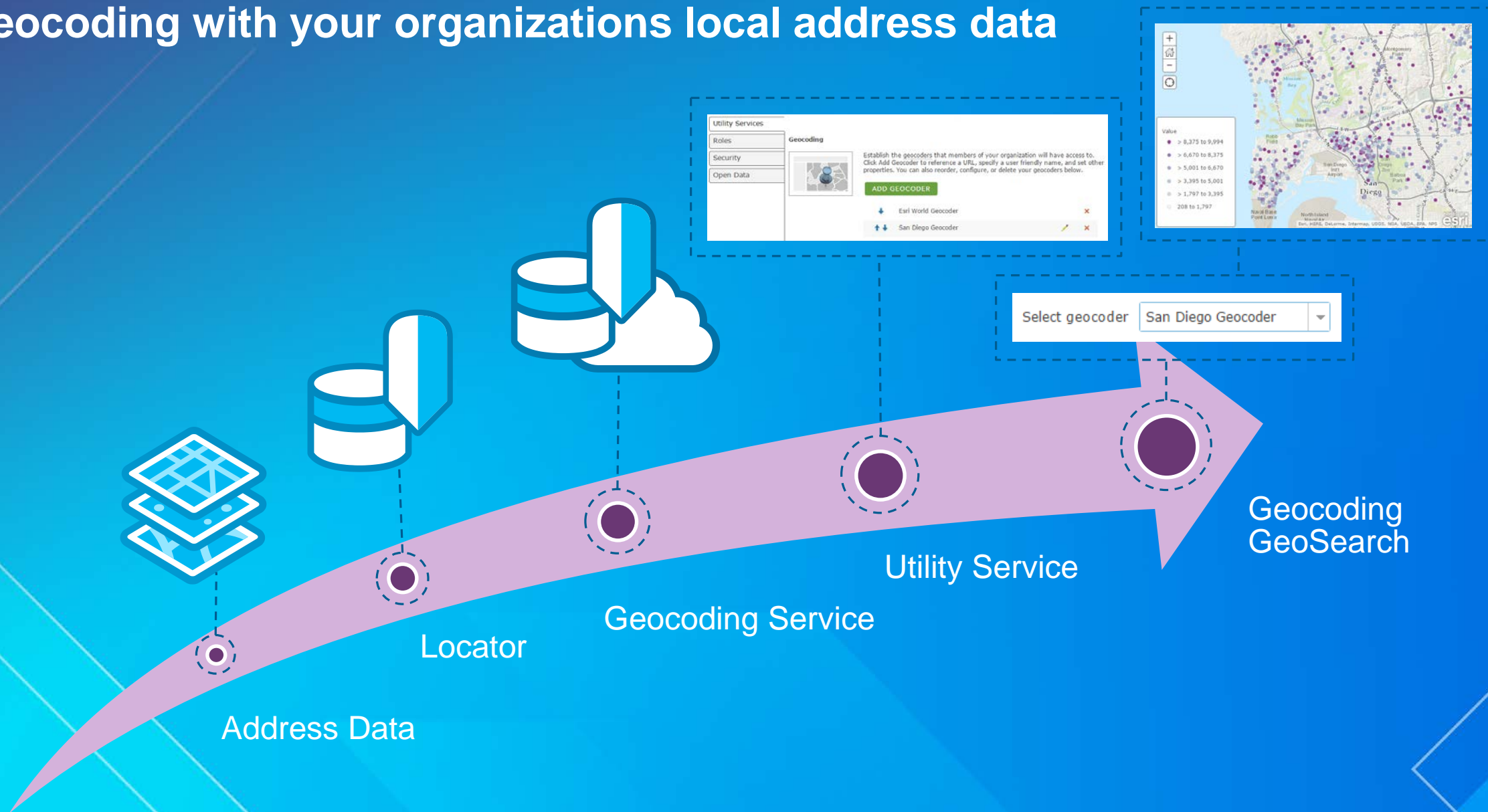


Geocoding with World Addresses and Places available today!

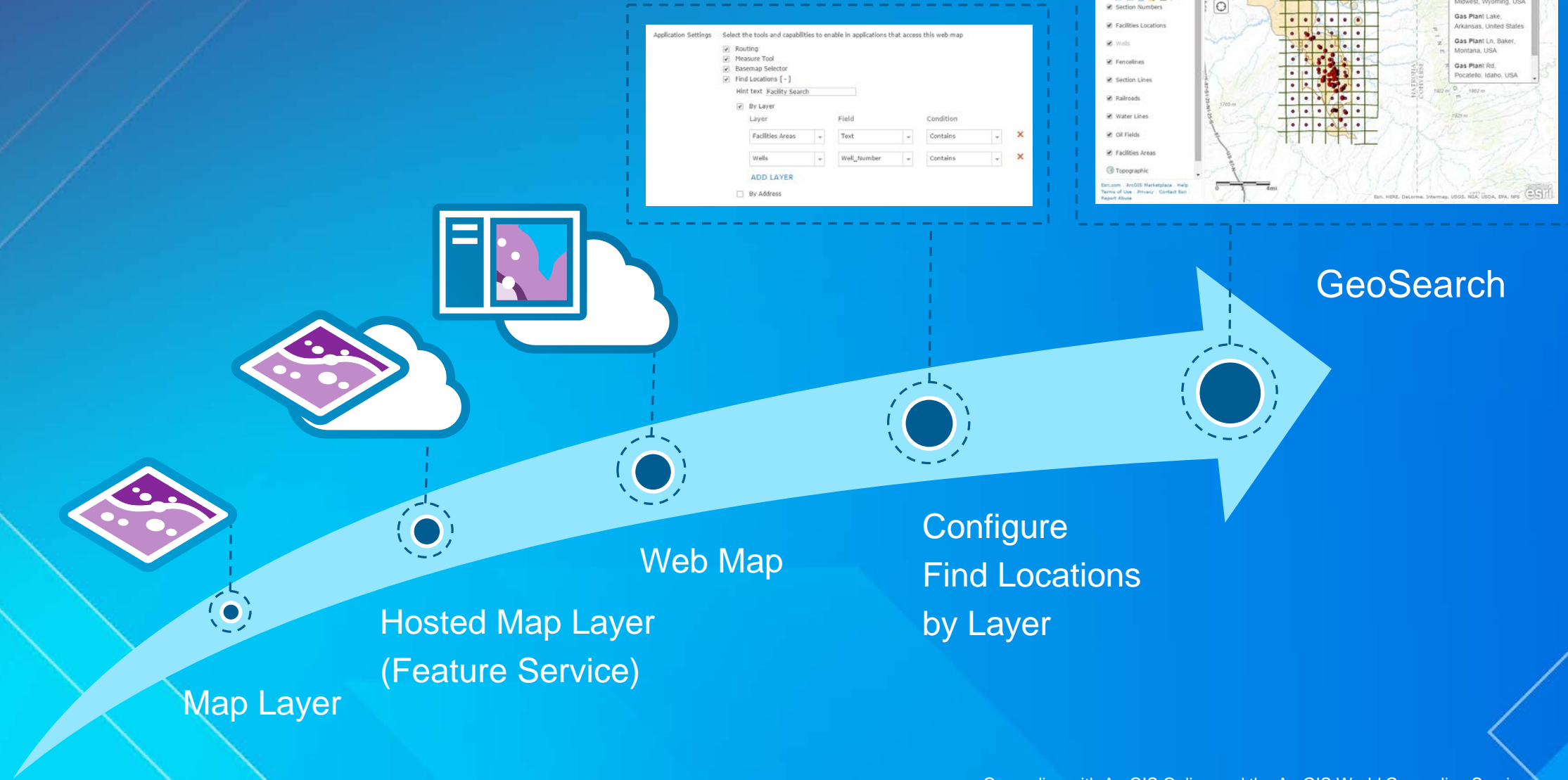


<https://developers.arcgis.com/en/features/geocoding/>
107 Countries with Addresses
Global Places and Points of Interest

Geocoding with your organizations local address data



Geocoding with map layers (hosted features)



Application Settings: Select the tools and capabilities to enable in applications that access this web map

- Routing
- Measure Tool
- Basemap Selector
- Find Locations [-]

Hint text: Facility Search

By Layer	Field	Condition
<input checked="" type="checkbox"/> Facilities Areas	Text	Contains
<input checked="" type="checkbox"/> Wells	Well_Number	Contains

ADD LAYER

By Address

HOME - Teapot_Dome_Site_Map

Contents

- Places
- Section Numbers
- Facilities Locations
- Wells
- Fencelines
- Section Lines
- Railroads
- Water Lines
- Oil Fields
- Facilities Areas
- Topographic

Facilities Areas

- Gas Plant
- Esri World Geocoder
- Gas Plant Camp Rd, Midwest, Wyoming, USA
- Gas Plant Lake, Arkansas, United States
- Gas Plant Ln, Baker, Montana, USA
- Gas Plant Rd, Pocatello, Idaho, USA

Developing Applications with ArcGIS Online Geocoding

The screenshot shows the homepage of the ArcGIS for Developers website. The URL in the browser is <https://developers.arcgis.com/en/>. The navigation bar includes 'ArcGIS for Developers', 'FEATURES', 'PLANS', 'DOCUMENTATION', 'SUPPORT', 'SEARCH', and 'Sign In'. The main content area features a large banner with the heading 'The Power of Location' and a sub-heading 'Build applications for web, mobile and desktop with Esri's cloud services, developer APIs, ready-to-use content and self-hosted solutions.' Below this is an 'EXPLORE DEMOS' button. A secondary call to action says 'Try out our tools for free with an introductory developer account' with a 'SIGN UP NOW' button. The bottom section is a grid of service categories: SDKs and APIs (listing Android, Flex, iOS, Java, JavaScript), Visualization (describing thematic interactive maps), Geocoding (describing search for places and addresses), Directions (describing route generation), Ready-to-use Content (describing basemaps and demographic maps), GeoEnrichment (describing demographic variables), and GeotriggerSM Service (describing location awareness).

The screenshot shows the Esri Geocoding Service page. The URL is <https://developers.arcgis.com/en/geocoding/>. The navigation bar is similar to the first screenshot. The main heading is 'Esri Geocoding Service' with the tagline 'Easily convert addresses to locations and back'. There are buttons for 'BROWSE THE DOCS' and 'GET AN ACCOUNT'. A map shows coordinates '37.78° N, -122.49° W' and an address '452 Dewey Blvd'. A search box on the right shows 'San Francisco, CA 94124'. Below the map, the text reads: 'Use Esri's Geocoding Service to convert an address to latitude and longitude. For example, if you know the address of a business and want to put it on a map, you can use geocoding to find the coordinates.' To the right is a small inset image showing a search interface with 'San Diego' entered and a list of results including 'San Diego, California, United States', 'San Diego Int'l Airport, 3225 N Harbor Dr San ...', and 'San Diego International Airport, San Diego, C...'. The Esri logo is in the bottom right corner of the inset.

Developers.arcgis.com

How can I help to improve ArcGIS Geocoding?

- **Submit ideas for new workflows and features**
 - <http://ideas.arcgis.com>
- **Ask questions, search for information**
 - <https://geonet.esri.com/welcome>
- **Visit the Geocoding team at the Spatial Analysis island**
- **Questions?**

Tuesday

- **Batch Geocoding Online**
 - 9:30 - Demo Theater 8 – Online GIS
- **Geocoding with ArcGIS Desktop: An Introduction**
 - 12:00 - Tech Theater 17 Exhibit Hall A
- **Configuring Geocoding for Portal for ArcGIS and ArcGIS Online**
 - 1:00 - Tech Theater 17 Exhibit Hall A
- **Geocoding with ArcGIS Pro: Getting Started**
 - 4:30 – Demo Theater 13 – Spatial Analysis

Wednesday

- **Geocoding with ArcGIS Online and ArcGIS Online World Geocoding Service**
 - 8:30 – Room 32 A

Thursday

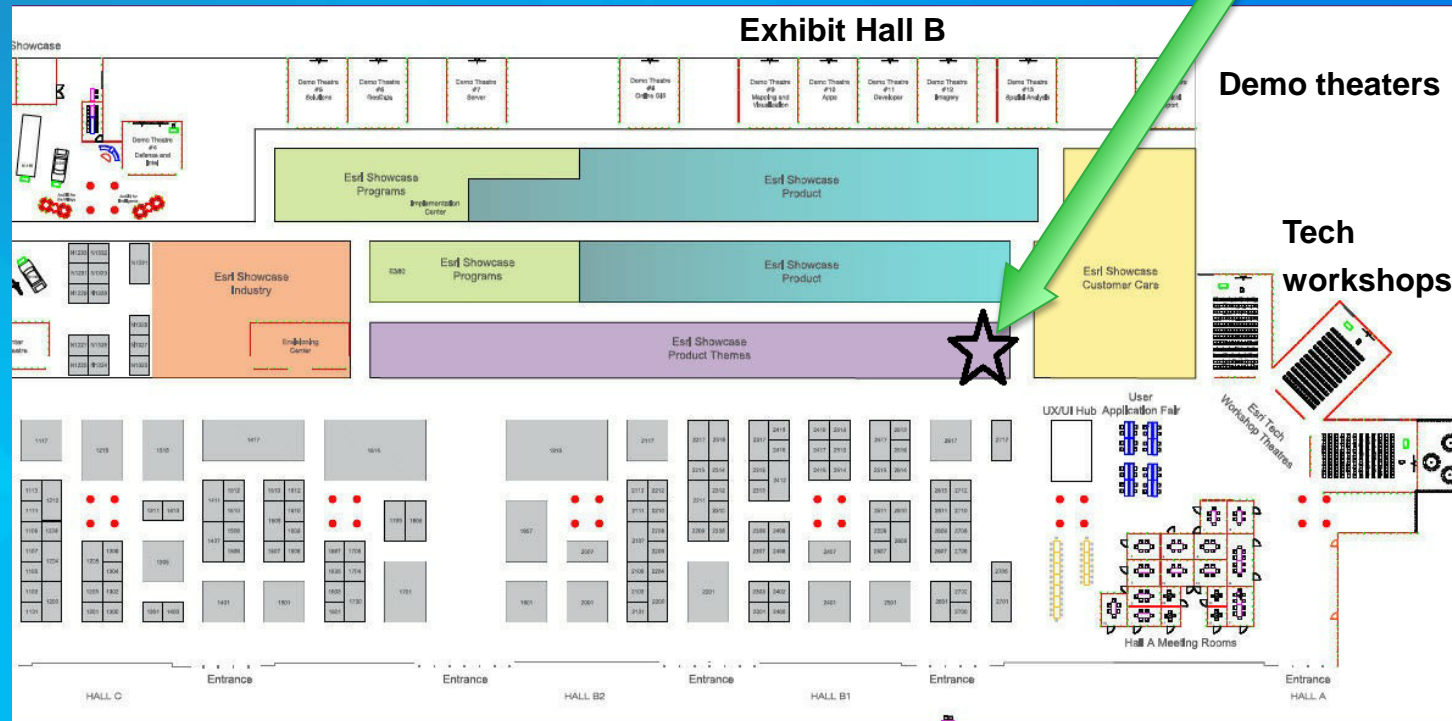
- **Geocoding and Network Options in ArcGIS**
 - 10:15 – Ballroom 06 C
- **Geocoding with ArcGIS Desktop: An Introduction**
 - 11:00 - Tech Theater 16 Exhibit Hall A
- **Configuring Geocoding for Portal for ArcGIS and ArcGIS Online**
 - 12:00 - Tech Theater 16 Exhibit Hall A
- **Geocoding with ArcGIS Online and ArcGIS Online World Geocoding Service**
 - 1:30 – Room 31 C

Come talk to us at the Esri Showcase!

Spatial Analysis product island

Network Analyst
and Geocoding
table

Back of convention center (San Diego Bay)



Exhibitor floor
(1st floor)

← To registration and
plenary session room

Front of convention center (hallway and street)

Thank you...

- Please fill out the session survey in your mobile app
- Select “Geocoding with ArcGIS Online and the World Geocoding Service” in the Mobile App
 - Use the Search Feature to quickly find this title
- Click “Technical Workshop Survey”
- Answer a few short questions and enter any comments

