Geocoding What’s New

Jeff Rogers and Brad Niemand
Overview
Geocoding What's New

• A quick review of ArcGIS Geocoding
• World Geocoding Online enhancements
• StreetMap Geocoding Enhancements (Coming Soon)
• Community Maps Program for Addresses (Coming Soon)
• ArcGIS Pro Geocoding Enhancements
ArcGIS is a complete system for Geocoding and Geocoding is an essential capability of ArcGIS.
What’s New
for World Geocoding Online
What's New Resources

https://www.esri.com/arcgis-blog/overview/
Search for Geocoding

Comprehensive and fresh content updates for each release

World Geocoding Service

- Continuous quality updates
- Faster content integration
- June 2018 release uses the most current available datasets

Now with Street Address Level Geocoding in 130+ Countries
Suggestions for Intersections

World Geocoding Service

- Intersections as you type
- Works with common intersection connectors
  - And, &, / and more
  - Connectors are Localized by country
Locator Views for the World Geocoding service

“Esri’s World Geocoding can find many things but I just want to see results specific to my app”

For an area

For specific countries

For types of features

Available for use with World Geocoder and StreetMap Premium in 2019.
San Diego Area Locator View

1. Create Locator View
2. Define Locator View Parameters
3. Share
4. Add Locator as Portal Utility service
5. Use in Client Apps
Locator Views
Brad Niemand
What’s New
Community Maps Program for Addresses
Community Maps Program for Addresses (Coming Soon)

• The Community Maps Program
  - Contribute Local Content to the ArcGIS Living Atlas of the World

• The Community Maps Program for Addresses
  - best available address datasets to support the ArcGIS World Geocoding Service
  - Available to search against and provide the most accurate geocoding results
  - You can contribute point addresses to enhance the geocoding experience of your users

https://livingatlas.arcgis.com/en/participate/#v=community&subTab=what-to-contribute
Community Maps Program for Addresses (Coming Soon)

Accepted content

Comprehensive and Accurate Point Addressing Data located at

- Primary entrance points to a building or unit (preferred)
- Rooftop points - central location on rooftop of a building (2)
- Offset from the street at a location where a vehicle would arrive at the address (3)
- Offset from the street at a location in front of the building or parcel (4)
- Parcel centroids (5)

Should include complete address attributes:

- House number
- Apartment or Unit Information (if available)
- Building Name (if available)
- Complete Street Name
- Administrative addressing information such as City or State
- Postal Information (recommended)
What’s New
for StreetMap Geocoding
StreetMap with New Locators (Coming Soon)

• StreetMap Premium is a great way to find, addresses, places and points of interest
  - On Premises and behind your firewall
• 2018 R2 version of StreetMap Premium gets even better with new enhanced locators
  - The new locators are in addition too existing locators
• The new locators work on the desktop with ArcGIS Pro 2.2
• Publish the locator files as a geocoding service with ArcGIS Enterprise 10.6.1
  - Utilize with client applications including ArcGIS Pro, ArcMap, Esri Apps and custom applications built using ArcGIS APIs and SDKs.
StreetMap with New Locators (Coming Soon)

• Many enhancements of the New Locators are the same as those incorporated into the most recent releases of Esri’s World Geocoding service
  - Improved matching logic
  - House number verification for Suggestions
  - Suggestions for ArcGIS Pro
  - Ability to batch geocode point of interest (POI) names
  - Improved intersection geocoding
  - Enhanced reverse geocoding

• Regular updates continue to be available from My Esri for locators
New Enhanced Locator Release Schedule

World Geocoding Service
(Now)

World Geocoder
(Now)

StreetMap Premium Beta
(Aug. 2018)

Build Enhanced Geocoding with your Data
First half of 2019
What’s New
for ArcGIS Pro Geocoding
Geocode Table for ArcGIS Pro

- New Batch Geocoding Tool for ArcGIS Pro (2.1)
- A guided workflow driven tool
- Works with locators and geocoding services
- Works with asynchronous geocoding services
- Supports new options when used with World Geocoding Products
  - Limit results to a country or group of countries
  - Limit results to types of features (categories)
Geocode Table
Brad Niemand
Extended feature search capabilities for ArcGIS Pro (2.2)

- ArcGIS Pro Locate tool
- Search across all layers in your map
  - Layer Search (Equals)
  - Layer Search (Contains)
Feature Search
all layers
Brad Niemand
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Scroll down to find the feedback section

Complete answers and select “Submit”
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