

## ArcGIS Pro Geocoder Documentation for Developers

February 25, 2026

Geocoding Service API information: <https://developers.arcgis.com/rest/geocode/>

Release notes for World Geocoding Service API:

<https://developers.arcgis.com/rest/geocode/whats-new-world-geocoding-service/>

### URLs for Developer Information

This information can be used to update existing code/applications using the functions listed below. The fields for input to the geocoder have been updated when compared to the 10.2.2 geocoding service, so please reference the links below based on which function is being called within the application to ensure you have the most up to date input fields. There are listings of fields for the 10.2.2 locators as well as the Pro locators available on the next page along with more detailed descriptions of each field available on ESRI's website at the links below:

- /findAddressCandidates: <https://developers.arcgis.com/rest/geocode/find-address-candidates/>
- /geocodeAddresses: <https://developers.arcgis.com/rest/geocode/geocode-addresses/>
- /batchGeocode: <https://developers.arcgis.com/rest/geocode/batch-geocode/>
- /reverseGeocode: <https://developers.arcgis.com/rest/geocode/reverse-geocode/>
- /suggest: <https://developers.arcgis.com/rest/geocode/suggest/>

### Additional Reference Information:

- Service Output Fields: <https://developers.arcgis.com/rest/geocode/service-output/>
- Filtering Output Results: <https://developers.arcgis.com/rest/geocode/category-filtering/>
  - Developers Guide for Geocoding: <https://developers.arcgis.com/documentation/mapping-and-location-services/geocoding/>. This guide contains several topics

- Building a geocoding app, geocoding addresses, geocoding places, autosuggest, and reverse geocoding - with information and examples for each.
- Information on API support
- Tutorials

Input fields for geocoding

**Find Address Candidates** - ArcGIS Pro Locator Input Fields:

### Find Address Candidates: (Locators/SAM\_Composite)

Address:	<input type="text"/>
Address2:	<input type="text"/>
Address3:	<input type="text"/>
Neighborhood:	<input type="text"/>
City:	<input type="text"/>
Subregion:	<input type="text"/>
Region:	<input type="text"/>
Postal:	<input type="text"/>
PostalExt:	<input type="text"/>
CountryCode:	<input type="text"/>
SingleLine:	<input type="text"/>
Out Fields:	<input type="text"/>
Max Locations:	<input type="text"/>
Match out of range:	<input checked="" type="radio"/> True <input type="radio"/> False
Language Code:	<input type="text"/>
Location Type:	<input type="text"/>
Source Country:	<input type="text"/>
Category:	<input type="text"/>
Location:	<input type="text"/>
Search Extent:	<input type="text"/>
Output Spatial Reference:	<input type="text"/>
Magic Key:	<input type="text"/>
Preferred Label Values:	<input type="text"/>
Format:	<input type="text" value="HTML"/>
<input type="button" value="Find Address Candidates (GET)"/> <input type="button" value="Find Address Candidates (POST)"/>	

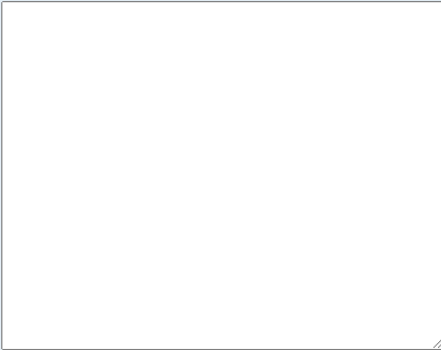
### Find Address Candidates - 10.2.2 Locators:

#### Find Address Candidates: (Locators/Street\_and\_Address\_Composite)

Street:	<input type="text"/>
City:	<input type="text"/>
State:	<input type="text"/>
ZIP:	<input type="text"/>
SingleLine:	<input type="text"/>
Out Fields:	<input type="text"/>
Max Locations:	<input type="text"/>
Match out of range:	<input checked="" type="radio"/> True <input type="radio"/> False
Language Code:	<input type="text"/>
Location Type:	<input type="text"/>
Source Country:	<input type="text"/>
Category:	<input type="text"/>
Location:	<input type="text"/>
Distance in Meters:	<input type="text"/>
Search Extent:	<input type="text"/>
Output Spatial Reference:	<input type="text"/>
Magic Key:	<input type="text"/>
Format:	<input type="text" value="HTML"/>
<input type="button" value="Find Address Candidates (GET)"/> <input type="button" value="Find Address Candidates (POST)"/>	

### Geocode Addresses – ArcGIS Pro

### Geocode Addresses: (Locators/SAM\_Composite)

Addresses: 

Category:

Source Country:

Match out of range:  True  False

Language Code:

Location Type:

Search Extent:

Output Spatial Reference:

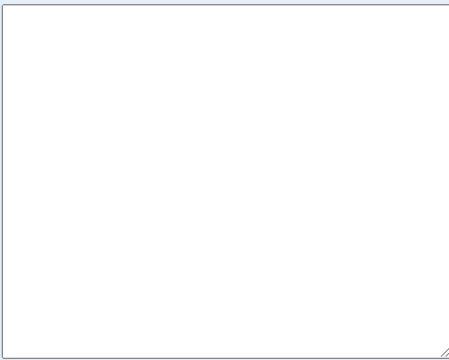
Out Fields:

Preferred Label Values:

Format:

### Geocode Addresses – 10.2.2 Locators

#### Geocode Addresses: (Locators/Street\_and\_Address\_Composite)

Addresses: 

Category:

Source Country:

Match out of range:  True  False

Language Code:

Location Type:

Search Extent:

Output Spatial Reference:

Format:

### Reverse Geocode – ArcGIS Pro

### Reverse Geocode: (Locators/SAM\_Composite)

Location:	<input type="text"/>
Language Code:	<input type="text"/>
Location Type:	<input type="text"/>
Feature Types:	<input type="text"/>
Output Spatial Reference:	<input type="text"/>
Preferred Label Values:	<input type="text"/>
Return input location:	<input type="radio"/> True <input checked="" type="radio"/> False
Out Fields:	<input type="text"/>
Format:	HTML ▾
<input type="button" value="Reverse Geocode (GET)"/> <input type="button" value="Reverse Geocode (POST)"/>	

### Reverse Geocode – 10.2.2 Locators

#### Reverse Geocode: (Locators/Street\_and\_Address\_Composite)

Location:	<input type="text"/>
Distance:	<input type="text"/>
Language Code:	<input type="text"/>
Location Type:	<input type="text"/>
Feature Types:	<input type="text"/>
Output Spatial Reference:	<input type="text"/>
Return Intersection:	<input type="radio"/> True <input checked="" type="radio"/> False
Format:	HTML ▾
<input type="button" value="Reverse Geocode (GET)"/> <input type="button" value="Reverse Geocode (POST)"/>	

### Suggest – ArcGIS Pro

#### Suggest: (Locators/SAM\_Composite)

Text:	<input type="text"/>
Max Suggestions:	<input type="text"/>
Category:	<input type="text"/>
Country Code:	<input type="text"/>
Search Extent:	<input type="text"/>
Location:	<input type="text"/>
Preferred Label Values:	<input type="text"/>
Return Collections	<input checked="" type="radio"/> True <input type="radio"/> False
Format:	HTML ▾
<input type="button" value="Suggest (GET)"/> <input type="button" value="Suggest (POST)"/>	