

Acceptation requirements: Prik een adres op kaart in ArcGIS Pro

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1. Searching

- When the tool is activated, the user's cursor changes to selecting mode
- The user can click on a location on the map
- Use of Geolocation service to reverse geocode
 - https://loc.geopunt.be/swagger/ui/index#!/GeolocationV4/GeolocationV4_Location

2. Result

- The **results**:
 - An address
 - This is the closest address to the location on the map that the user chose
 - the address consists of street name, house number, postal code and municipality
 - The distance between the location of the address and the location of where the user clicked
 - The distance is in unit 'meter'
 - There are always 2 decimals xx,xx meter
 - e.g. 4,05 meter ; 30,67 meter ; 30,80 meter ; 4,00 meter
- The **favourites list**:
 - The items are shown in a list
 - Every item is an address and consists of street name, house number, postal code and municipality
 - There are no columns.

3. Actions

	Select one element	Select multiple elements	Select all elements	Add to favourites	Zoom	Mark	Remove	Export
Button								
Label	-	-	-	Voeg toe	Zoom	Markeer	Verwijder	Exporteer
Position	-	-	-	Below the result list	1x below the result list 1x below the favourite list	Below the favourite list	Below the favourite list	Below the favourite list
Applicable to								

List of results	-	-	-	Yes	Yes	-	-	-
List of favourites	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes
Behaviour								
Select the element(s) in the list only	Yes	Yes	Yes	-	-	-	-	-
Update the list of favourites: Adding	-	-	-	Yes	-	-	-	-
Update the list of favourites: removing	-	-	-	-	-	-	Yes	-
Zoom and pan on the map to the POI(s)	-	-	-	-	Yes	-	-	-
Show the POI(s) on the map with a marker	-	-	-	-	-	Yes	-	-
Remove the marker on the map	-	-	-	-	-	-	Yes (if it was marked)	-
Save the element(s) to a JSON file	-	-	-	-	-	-	-	Yes

- Starting from the result list:
 - The user can do the following actions with the address:
 - Add (Button 'Voeg toe'). This causes the following behaviour:
 - Adding the address to the list of favourites
 - The map **is not** zooming and panning to the address:
 - The address **is not** shown on the map.
 - Zoom (Button 'zoom'). This causes the following behaviour:
 - The map **is** zooming and panning to the address.
 - The address **is not** shown on the map.
- Starting from the from the list of favourites
 - The user can select:
 - one item of the list
 - multiple items of the list
 - all items of the list
 - The user can do the following actions with the selected address(es):
 - Zoom (Button 'zoom'). This causes the following behaviour:
 - The map **is** zooming and panning to the selected address(es).
 - The address(es) **are/is not** shown on the map.
 - Mark (Button 'Markeer'). This causes the following behaviour:
 - The map **is not** zooming and panning to the selected address(es).
 - The address(es) **are/is** shown on the map.
 - Remove ('Verwijder'). This causes the following behaviour:
 - The element is removed from the list of favourites.
 - If the element was marked on the map, this action removes the marker from the map.
 - Export ('Exporteer'). This causes the following behaviour:
 - The selected address(es) are saved in a JSON file.
 - The geometry of the address(es) should be saved in the JSON file
 - The same attributes that are shown in the result and favourite list per parcel should be saved in the JSON file:
 - The following attributes should be saved in the JSON file:
 - Municipality ('Gemeente')
 - Postal code ('Postcode')
 - Streetname ('Straatnaam') - if applicable

- House number ('Huisnummer') - if applicable

4. Closing

- The user can close ('sluiten') the tool using:
 - the button 'sluiten'
 - the cross in the right upper corner

5. Questions and feedback based on meeting 20 mrt. 2023

5.1 Results

- The distance unit is not written correctly: 's' should not be in 'meters'. It should be: 'meter'
- In which cases can the user select multiple (or all) elements from the **favourite** list and perform an action with all of the selected items?
 - Zoom?
 - Mark?
 - Remove?
 - Export?
- If selecting multiple items from the favourite or result list is possible, how can the user do that?
 - Using Ctrl and/or Shift? Or something else?
- Can we have the buttons 'Voeg toe', 'Zoom' below the result list **AND** have 'Zoom', 'Markeer', 'Verwijder' and 'Exporteer' below the favourite list?
 - This would give us two 'Zoom' buttons, once for the result list, once for the favourite list.

5.2 Closing

- Can we move the button the right bottom corner in the tool?