

Add and reuse content: *the example of Tamanyan Street*

Benoît Prieur, Yerevan GLAM Forum, May 2018

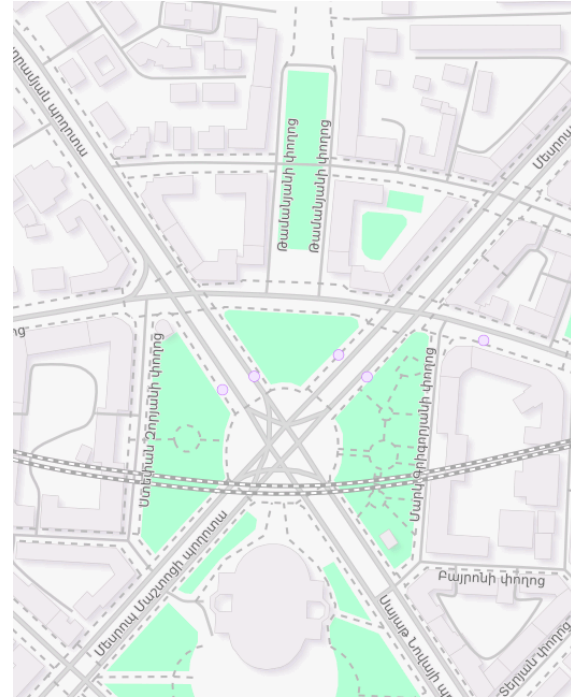
Tamanyan Street & public artworks

Cascade of Yerevan

- Cafesjian Center of Arts
- About 25 public artworks on the square
- Freedom of panorama in Armenia



Diego Delso – CC-BY-SA



© Contributors of OpenStreetMap. Tiles courtesy of Andy Allan

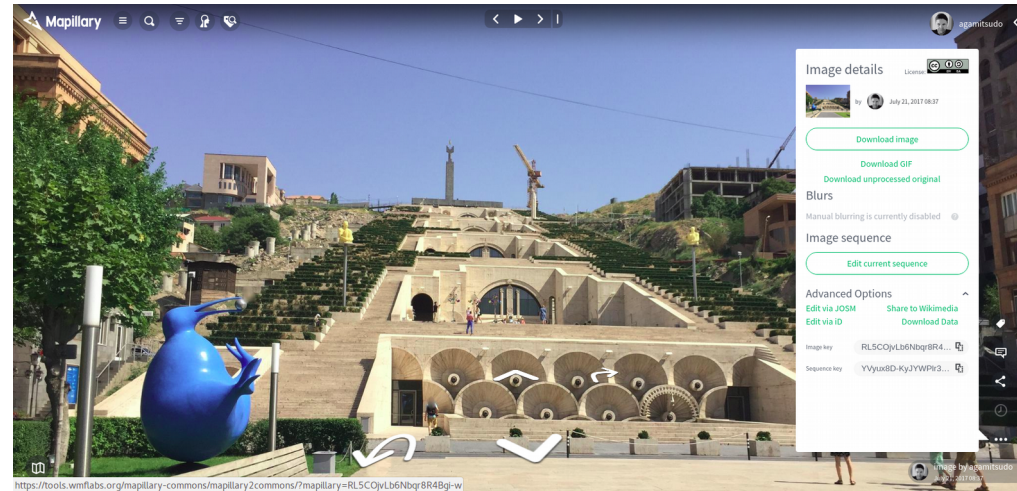
Collecting data

Geolocated free photos

- [Wikimedia Commons \(link\)](#)

Mapillary

- Service for sharing geotagged photos
- Pictures are CC-BY-SA
- [Tamanyan Street \(link\)](#)
- Upload Mapillary photos to Commons



Benoît Prieur – CC-BY-SA

Add content to Wikidata











Create entries for every artwork

- Use data from plaques (artist, date etc.)
- Use geodata to add coordinates for every artwork
- « Le Mur » (link)
- SPARQL query and result (link)

#Artwork Tamanian Street

#defaultView:Map

```
SELECT DISTINCT ?item ?itemLabel ?coord
WHERE {
  ?item wdt:P31/wdt:P279* wd:Q838948;
        wdt:P276 wd:Q20516170;
        wdt:P625 ?coord.
  SERVICE wikibase:label { bd:serviceParam
    wikibase:language "fr". }
} ORDER BY ?coord
```

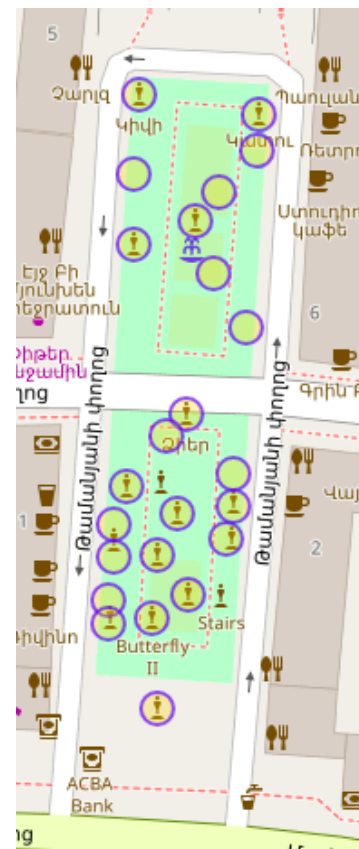
pays	 Arménie Q399 - 0 référence	 modifier + ajouter une référence + ajouter une valeur
localisation administrative	 Erevan Q1953 - 0 référence	 modifier + ajouter une référence + ajouter une valeur
lieu	 rue Tamanian Q20516170 - 0 référence	 modifier + ajouter une référence + ajouter une valeur
coordonnées géographiques	 40°11'22.578"N, 44°30'55.786"E - 0 référence	 modifier + ajouter une référence + ajouter une valeur
créateur	 Guy Buseyne Q52823068 - 0 référence	 modifier + ajouter une référence

Add content to OpenStreetMap

Geolocating every artwork

- Use Mapillary in JOSM
- Use the Wikidata tag in OpenStreetMap
- « Le Mur » ([link](#))
- [Overpass-turbo query and result](#) ([link](#))
- Notions of node, way, relation and `{{bbox}}`
- [URL Request](#) ([link](#))

```
node
  [tourism=artwork]
  (40.186151,44.513057,40.192183,44.517499);
out;
```



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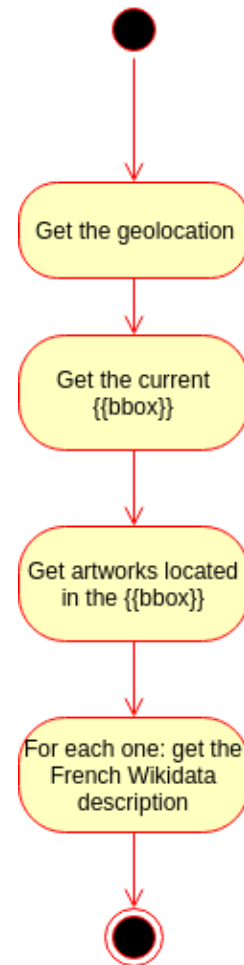
Reuse data from Wikidata & OSM

Use the wikidata tag (OSM)

- Develop an iOS prototype app (Swift 4)
 - *The app must be able to localize artworks in the local user {{bbox}}*
 - *The app must be able to ask description in French from Wikidata and displaying it*

Github

- <https://github.com/SoartheC/PublicArtwork>

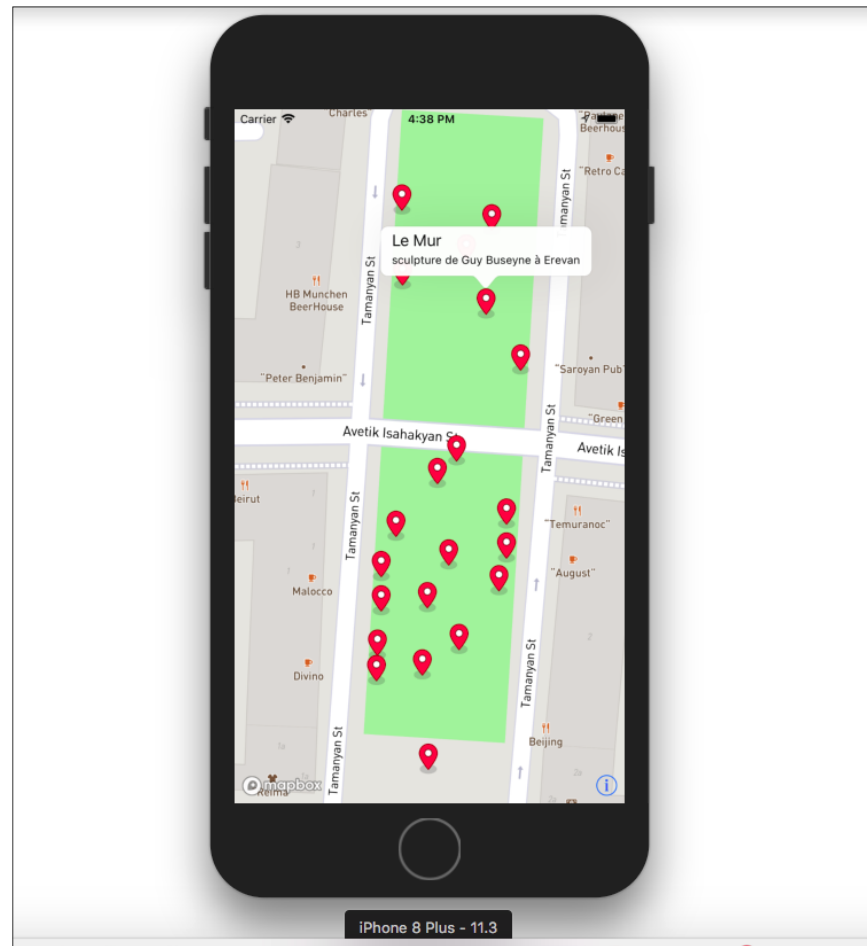


Demo

From OpenStreetMap the app gets geolocations

From Wikidata the app gets descriptions in French

Strong interest of the tag wikidata



iPhone 8 Plus - 11.3

Thank you :)
Questions