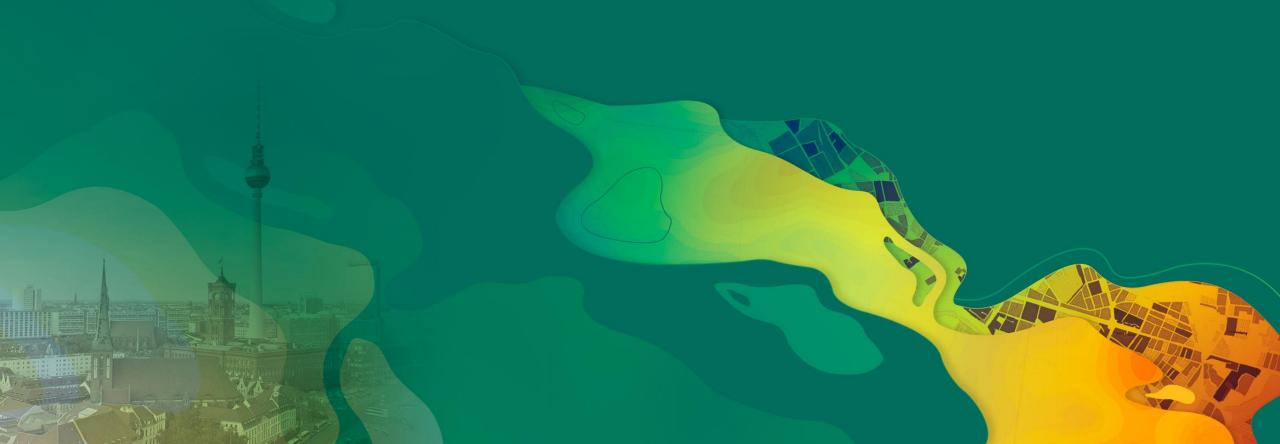




#### **REST in Programming**

Mark Jagt & Maarten van Hulzen

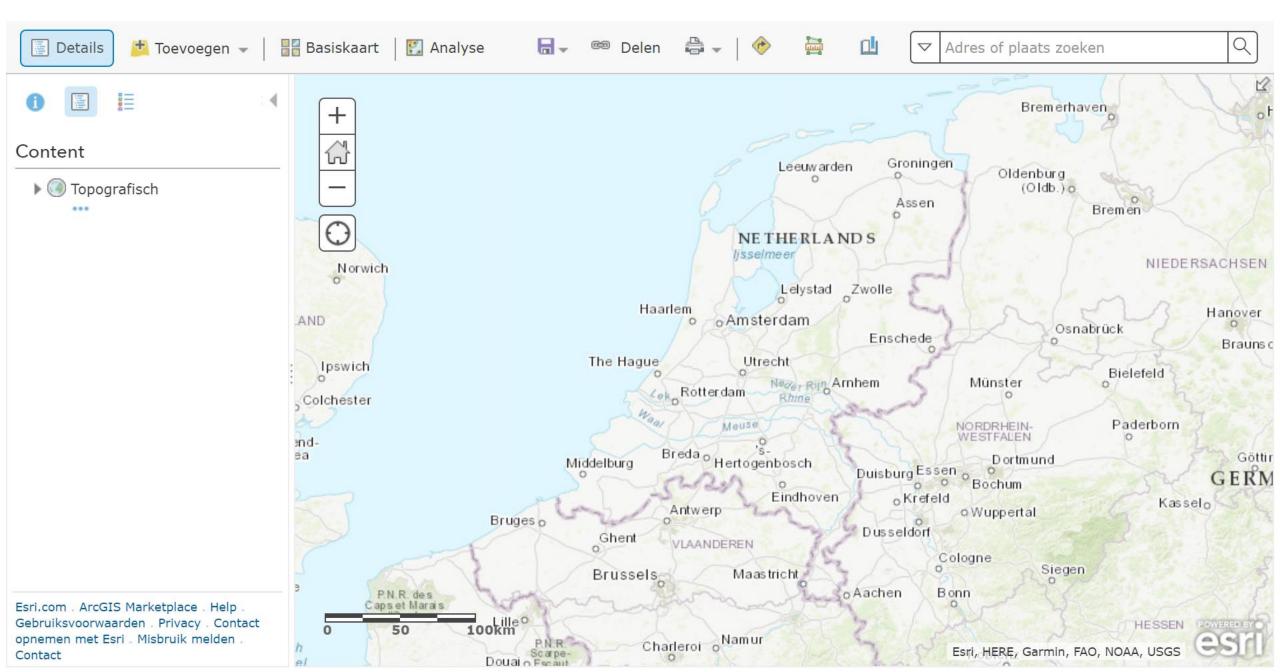


#### What is



#### The ArcGIS REST API

ArcGIS provides a rich set of geospatial, mapping, and administrative functionality through web services that are exposed though the ArcGIS REST API.





## Query REST endpoint



# You start the day with coffee



#### Insert Feature



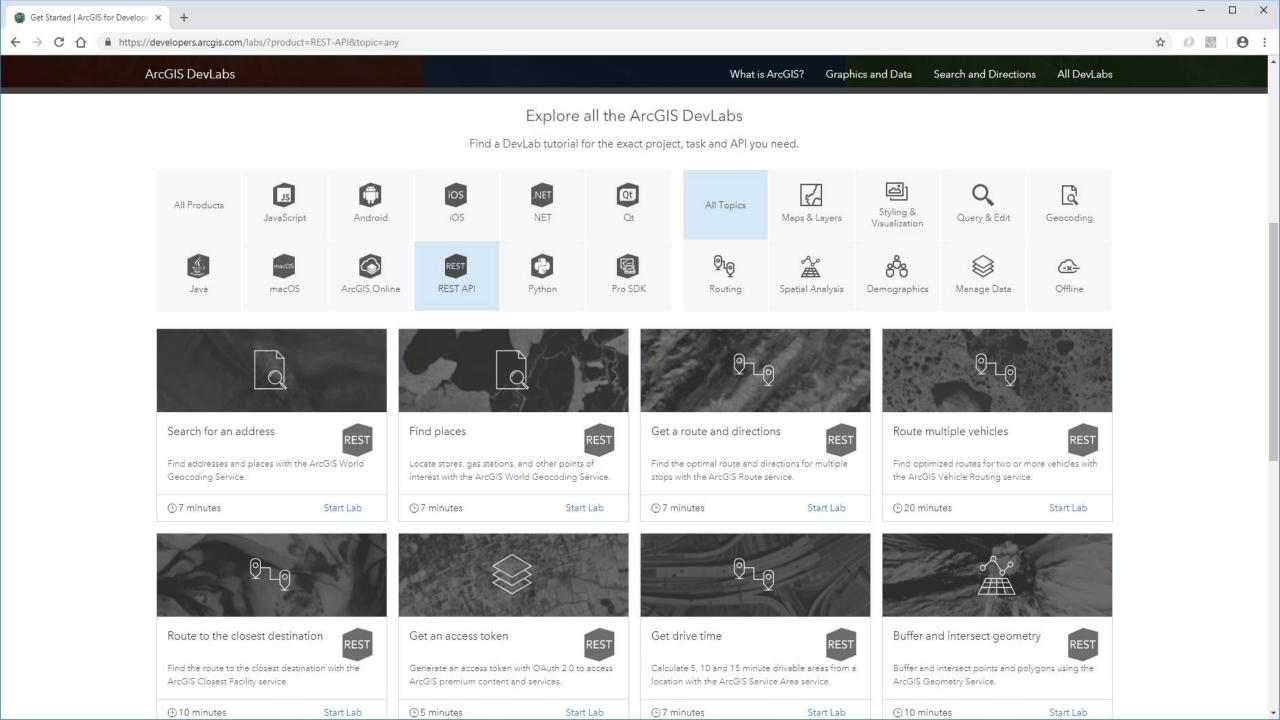
#### Please fill out this survey:

## https://arcg.is/aeX4q

## Overview











# Let's talk about about Security



Security options

Token
OAuth2
Proxy





Dashboard / Applications / DevSummitBerlinApplication

#### DevSummitBerlinApplication

Overview

Authentication

Services

Settings



Summary: No summary.

Usage

Created: Monday Oct 15 2018, 10:48AM

Modified: Monday Oct 15 2018, 10:48AM

Tags: Berlin Dev Summit

#### Description

Demo application for Dev Summit Berlin 2018

Access and Use Constraints

No access and use constraints.

Share

View in ArcGIS Online

Client ID

wRbmeMcGFrMT2kw4

ŝ

Client Secret

3627



Temporary Token 2 Generate New Token

oknuXA090uXaaaT3yzpx3wz7yi-z

Short-lived token for testing. Will expire Oct 15 2018 12:48:32PM.

Details

Created: Oct 15 2018 10:48AM

Size: 0 Bytes

#### Generate token



### Create Group



https://github.com/Esri/resource-proxy



## Search groups



## Append data



Analytics



### Geoprocessing

{ How to make custom endpoints for }

The ArcGIS



F#

## Administration Service stop / start



## Administration Add domains





Current User: Mark Jagt (mjagt\_esrinl) Refresh C

26 Root

18 3D

DevSummitEurope2017



**DevSummitVisitors** Type: Web Map | Item ID: 5e47cf

Node JS Map

Type: Web Map | Item ID:

2 **EGT2016** 

7 **EvisionTest** 

#### Node JS Map

1 {

#### Description (View Item Details)

"id": "e2016c56b2c4410e82002e56f82c4

```
"owner": "mjagt_esrinl",
    "created": 1508163519000,
    "modified": 1508163519000,
    "guid": null,
    "name": null,
    "title": "Node JS Map",
    "type": "Web Map",
    "typeKeywords": [
     "ArcGIS Online",
11
12
     "Explorer Web Map",
      "Map",
13
      "Online Map",
15
      "Web Map"
16
    "description": null,
17
    "tags": [
18
      "node js"
19
20
    "snippet": null,
    "thumbnail": null,
    "documentation": null,
    "extent": [
25
26
        -53.6874,
        27.017
27
28
29
```

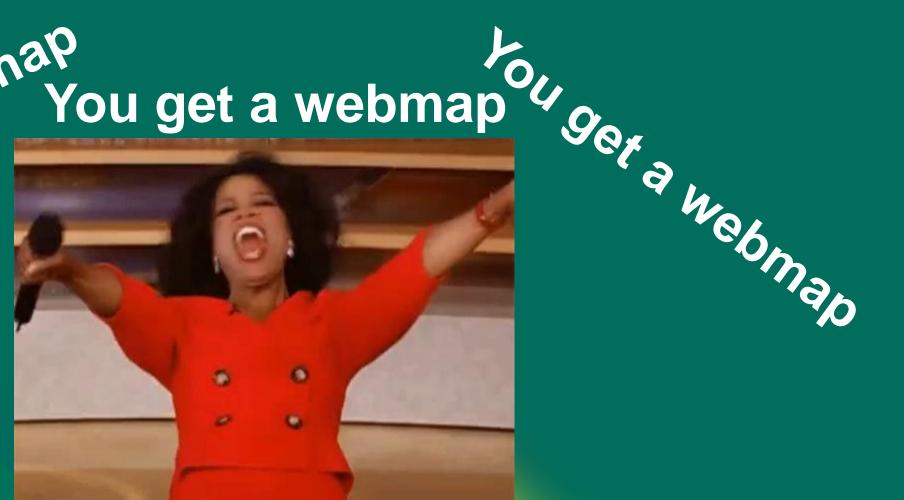
#### Data 1 "operationalLayers": [ "id": "European Cities 9338", "layerType": "ArcGISFeatureLayer", "url": "https://services.arcgis.com/emS4w7iyWEQiulAb/arcgis/ "visibility": true, "opacity": 1, "title": "European Cities", "itemId": "0f0b02a4b9384e8f8794af4f5337dbd0", 10 "layerDefinition": { 11 12 "drawingInfo": { 13 "renderer": { 14 "type": "uniqueValue", "field1": "IS IMPORTANT", 15 "defaultSymbol": { 16 "color": [ 17 18 0, 19 197, 20 255, 255 21 22 "size": 10.5, 23 "angle": 0, 24 "xoffset": 0. 25 26 "yoffset": 0, "type": "esriSMS", 27 "style": "esriSMSCircle", 28 29 "outline": { "color": [ 30 255, 31 32 255,

Mark Jagt (mjagt esrinl) ▼

#### Generate a webmap



You get a Webmap



Everybody gets a webmap



## THANKYOU

http://esrinederland.github.io