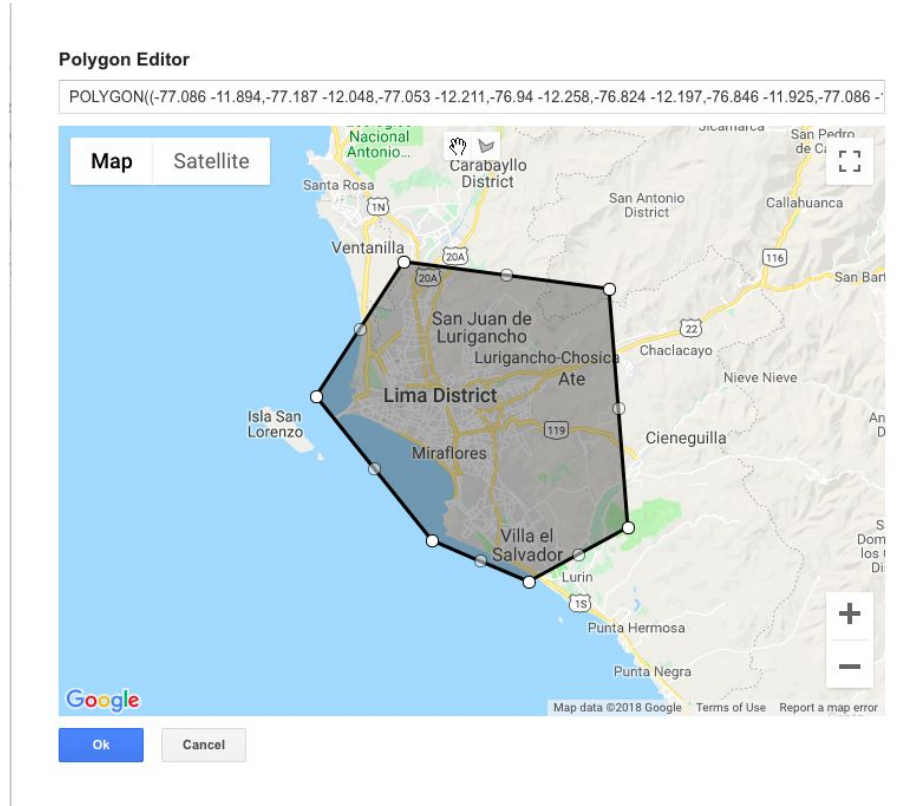


# Module 1 - Class 2.3

## **Understanding the URL of the Waze GeoRSS API**



# An example, Lima, Peru



# The URL

```
https://<something-confidential>?format=JSON&acotu=true&irmie=true&types=traffic%2Calerts%2Cirregularities&tk=ccp_partner&ccp_partner_name=Organization+Partner+Name&polygon=-46.774,-23.482;-46.77,-23.597;-46.608,-23.715;-46.527,-23.659;-46.57,-23.581;-46.412,-23.567;-46.449,-23.461;-46.774,-23.482
```

# The Waze GeoRSS API

```

alerts":[{"country":"BR","nThumbsUp":0,"city":"Taboão da Serra","reportRating":5,"confidence":0,"reliability":5,"type":"JAM","uuid":"97692113-403a-379f-8134-6d8d5e2521af","roadType":2,"magvar":323,"subtype":"JAM_HEAVY_TRAFFIC","street":"Av. Francisco Ettore Pedro Mari","location":{"x":-46.759758,"y":-23.596249},"pubMillis":1539202173908},{"country":"BR","nThumbsUp":0,"city":"São Paulo","reportRating":3,"confidence":0,"reliability":5,"type":"JAM","uuid":"335248e7-c8b2-374c-879e-6d056643d1a2","roadType":1,"magvar":135,"subtype":"JAM_STAND_STILL_TRAFFIC","street":"R. Artur Ferreira de Abreu","location":{"x":-46.767038,"y":-23.598161},"pubMillis":1539202669127},{"country":"BR","nThumbsUp":0,"city":"São Paulo","reportRating":3,"confidence":0,"reliability":5,"type":"JAM","uuid":"fb6447d6-0ebc-318e-864c-972981fec923","roadType":2,"magvar":119,"subtype":"JAM_STAND_STILL_TRAFFIC","street":"R. José Xavier Guimarães","location":{"x":-46.766654,"y":-23.58796},"pubMillis":1539203322388},{"country":"BR","nThumbsUp":0,"city":"São Paulo","reportRating":4,"confidence":0,"reliability":5,"type":"JAM","uuid":"bdb3d84b-2de0-39b6-a5c1-239b53a54ac4","roadType":1,"magvar":186,"subtype":"JAM_HEAVY_TRAFFIC","street":"R. Cleantes","location":{"x":-46.768711,"y":-23.593788},"pubMillis":1539203424646},{"country":"BR","nThumbsUp":0,"city":"São Paulo","reportRating":3,"confidence":0,"reliability":6,"type":"JAM","uuid":"f514f12e-806a-3af5-9dc5-38653e7b0b8f","roadType":2,"magvar":74,"subtype":"JAM_STAND_STILL_TRAFFIC","street":"Av. Dr. Cândido Motta Filho","location":{"x":-46.758548,"y":-23.558646},"pubMillis":1539202578506},{"country":"BR","nThumbsUp":0,"city":"Osasco","reportRating":0,"confidence":0,"reliability":6,"type":"JAM","uuid":"0672b57a-32dd-3840-a9d5-fa0cd7bc5593","roadType":2,"magvar":158,"subtype":"JAM_HEAVY_TRAFFIC","street":"Av. Dr. Martin Luther King","location":{"x":-46.768177,"y":-23.557019},"pubMillis":1539202977262},{"country":"BR","nThumbsUp":0,"city":"Osasco","reportRating":4,"confidence":0,"reliability":5,"type":"JAM","uuid":"f6eb1dfa-52cb-38f8-8c17-3de0a89c85aa","roadType":2,"magvar":259,"subtype":"JAM_STAND_STILL_TRAFFIC","street":"Av. Dr. Martin Luther King","location":{"x":-46.764094,"y":-23.557796},"pubMillis":1539203446559},{"country":"BR","nThumbsUp":0,"city":"São Paulo","reportRating":5,"confidence":0,"reliability":6,"type":"JAM","uuid":"8362d714-3c37-37e3-afab-3ca8ba8be8d3","roadType":2,"magvar":164,"subtype":"JAM_STAND_STILL_TRAFFIC","street":"Av. Interlagos","location":{"x":-46.679234,"y":-23.661994},"pubMillis":1539202876513},{"country":"BR","nThumbsUp":0,"city":"São Paulo","reportRating":1,"confidence":0,"reliability":5,"type":"JAM","uuid":"ell154be7-802d-3811-b406-9a71a07827d5","roadType":1,"magvar":221,"subtype":"JAM_STAND_STILL_TRAFFIC","street":"R. Min. Álvaro de Souza Lima","location":{"x":-46.68437,"y":-23.658912},"pubMillis":1539203458250},{"country":"BR","nThumbsUp":0,"city":"São Paulo","reportRating":3,"confidence":0,"reliability":5,"type":"JAM","uuid":"76240142-7314-30a4-b1c4-fa50362a3d4e","roadType":2,"magvar":145,"subtype":"JAM_HEAVY_TRAFFIC","street":"Av. Prof. Vicente Rao","location":{"x":-46.672397,"y":-23.644529},"pubMillis":1539201838423},{"country":"BR","nThumbsUp":0,"city":"São Paulo","reportRating":3,"confidence":0,"reliability":5,"type":"JAM","uuid":"7657f6e0-74e2-3bf9-bf65-c4f9be79cf72","roadType":2,"magvar":154,"subtype":"JAM_STAND_STILL_TRAFFIC","street":"Av. Ver. João de Luca","location":{"x":-46.671494,"y":-23.646063},"pubMillis":1539201866552},{"country":"BR","nThumbsUp":0,"city":"São Paulo","reportRating":2,"confidence":0,"reliability":5,"type":"JAM","uuid":"53a62989-00a4-35f2-8ea7-c3ddc5546745","roadType":2,"magvar":209,"subtype":"JAM_STAND_STILL_TRAFFIC","street":"R. Vigário João de Pontes","location":{"x":-46.68923,"y":-23.651656},"pubMillis":1539202192827},{"country":"BR","nThumbsUp":0,"city":"São Paulo","reportRating":3,"confidence":0,"reliability":6,"type":"JAM","uuid":"3e7eca2-773f-308a-8f2a-c64b53376915","roadType":1,"magvar":211,"subtype":"JAM_STAND_STILL_TRAFFIC","street":"R. Arapixi","location":{"x":-46.679741,"y":-23.651512},"pubMillis":1539202271110},{"country":"BR","nThumbsUp":0,"city":"São Paulo","reportRating":5,"confidence":0,"reliability":5,"type":"JAM","uuid":"13d89dd1-1307-3fdc-9175-946b94c44f12","roadType":1,"magvar":108,"subtype":"JAM_STAND_STILL_TRAFFIC","street":"R. Chaves","location":{"x":-46.679836,"y":-23.652077},"pubMillis":1539202430231},{"country":"BR","nThumbsUp":0,"city":"São Paulo","reportRating":3,"confidence":0,"reliability":5,"type":"JAM","uuid":"360888d6-6567-38a2-843e-7ca923443135","roadType":1,"magvar":120,"subtype":"JAM_MODERATE_TRAFFIC","street":"R. Capitão Manoel de Freitas Novaes","location":{"x":-46.680664,"y":-23.653046},"pubMillis":1539202464881},{"country":"BR","nThumbsUp":0,"city":"São Paulo","reportRating":2,"confidence":0,"reliability":5,"type":"JAM","uuid":"fd60a6ad-88cf-3f52-923f-"}

```

https://<something-confidential>?

format=JSON&

acotu=true&

irmie=true&

types=traffic%2Calerts%2Cirregularities&

tk=ccp\_partner&

ccp\_partner\_name=Organization+Partner+Name&

polygon=-46.774,-23.482;

-46.77,-23.597;

-46.608,-23.715;

-46.527,-23.659;

-46.57,-23.581;

-46.412,-23.567;

-46.449,-23.461;

-46.774,-23.482

# Breaking the URL

https://<something-confidential>?

format=JSON&

acotu=true&

irmie=true&

types=traffic%2Calerts%2Cirregularities&

tk=ccp\_partner&

ccp\_partner\_name=Organization+Partner+Name&

polygon=-46.774,-23.482;

-46.77,-23.597;

-46.608,-23.715;

-46.527,-23.659;

-46.57,-23.581;

-46.412,-23.567;

-46.449,-23.461;

-46.774,-23.482

**https://<something-confidential>**

## Description

GeoRSS Waze API address

https://<something-confidential>

**format=JSON&**

**acotu=true&**

**irmie=true&**

**types=traffic%2Calerts%2Cirregularities&**

**tk=ccp\_partner&**

**ccp\_partner\_name=Organization+Partner+Name&**

**polygon=-46.774,-23.482;**

**-46.77,-23.597;**

**-46.608,-23.715;**

**-46.527,-23.659;**

**-46.57,-23.581;**

**-46.412,-23.567;**

**-46.449,-23.461;**

**-46.774,-23.482**

# format

## Description

data format option.

only JSON and XML (one or another) is accept

https://<something-confidential>

format=JSON&

acotu=true&

irmie=true&

types=traffic%2Calerts%2Cirregularities&

tk=ccp\_partner&

ccp\_partner\_name=Organization+Partner+Name&

polygon=-46.774,-23.482;

-46.77,-23.597;

-46.608,-23.715;

-46.527,-23.659;

-46.57,-23.581;

-46.412,-23.567;

-46.449,-23.461;

-46.774,-23.482

# acotu

## Description

receives the number of thumbs up by users on alerts

it is optional and only accept `true` or `false`



https://<something-confidential>

format=JSON&

acotu=true&

irmie=true&

types=traffic%2Calerts%2Cirregularities&

tk=ccp\_partner&

ccp\_partner\_name=Organization+Partner+Name&

polygon=-46.774,-23.482;

-46.77,-23.597;

-46.608,-23.715;

-46.527,-23.659;

-46.57,-23.581;

-46.412,-23.567;

-46.449,-23.461;

-46.774,-23.482

# irmie

## Description

receives irregularities by users

it only accept True or False

https://<something-confidential>

format=JSON&

acotu=true&

irmie=true&

types=traffic%2Calerts%2Cirregularities&

tk=ccp\_partner&

ccp\_partner\_name=Organization+Partner+Name&

polygon=-46.774,-23.482;

-46.77,-23.597;

-46.608,-23.715;

-46.527,-23.659;

-46.57,-23.581;

-46.412,-23.567;

-46.449,-23.461;

-46.774,-23.482

# types

## Description

choose any of the waze data types

the accepted inputs are traffic, alerts or irregularities and at least one is required

https://<something-confidential>

format=JSON&

acotu=true&

irmie=true&

types=traffic%2Calerts%2Cirregularities&

tk=ccp\_partner&

ccp\_partner\_name=Organization+Partner+Name&

polygon=-46.774,-23.482;

-46.77,-23.597;

-46.608,-23.715;

-46.527,-23.659;

-46.57,-23.581;

-46.412,-23.567;

-46.449,-23.461;

-46.774,-23.482

tk

## Description

CCP organization token

https://<something-confidential>  
format=JSON&  
acotu=true&  
irmie=true&  
types=traffic%2Calerts%2Cirregularities&  
tk=ccp\_partner&  
ccp\_partner\_name=Organization+Partner+Name&  
polygon=-46.774,-23.482;  
-46.77,-23.597;  
-46.608,-23.715;  
-46.527,-23.659;  
-46.57,-23.581;  
-46.412,-23.567;  
-46.449,-23.461;  
-46.774,-23.482

# ccp\_partner\_name

**Description**  
CCP organization partner name

https://<something-confidential>

format=JSON&

acotu=true&

irmie=true&

types=traffic%2Calerts%2Cirregularities&

tk=ccp\_partner&

ccp\_partner\_name=Organization+Partner+Name&

polygon=-46.774,-23.482;

-46.77,-23.597;

-46.608,-23.715;

-46.527,-23.659;

-46.57,-23.581;

-46.412,-23.567;

-46.449,-23.461;

-46.774,-23.482

# polygon

## Description

the polygon of the city where the data comes from

the input format is

long-value,lat-value;long-value,lat-value;  
...;long-value,lat-value

See you in the  
next video!

