

Module 1 - Video 1.6

Inside of the irregularities data



Full jams data structure

```
{  
  "jams": [ ... ],  
  "alerts": [ ... ],  
  "irregularities": [ ... ],  
  "startTime": "2018-09-20 23:55:00:000" ,  
  "endTime": "2018-09-20 23:56:00:000" ,  
  "startTimeMillis": 1537487700000,  
  "startTimeMillis": 1537487760000  
}
```

General	{ "irregularities": { "id": 156903757, "updateDate": "Tue Nov 13 15:01:20 +0000 2018", "updateDateMillis": 1542121280171,
Location	"country": "BR", "city": "São Paulo", "street": "Av. do Estado", "jamLevel": 4, "severity": 1, "speed": 7.3599999999999999,
Traffic Status	"regularSpeed": 44.22, "delaySeconds": 509, "seconds": 622, "type": "Medium", "endNode": "Av. Teresa Cristina", "line": [{ "x": -46.619741, "y": -23.557225 }, { "x": -46.617675, "y": -23.557900 }, ... { "x": -46.611157, "y": -23.564611 }], "highway": false, "length": 1274, "trend": 1, "nThumbsUp": 1, "driversCount": 200,
Road Characteristics	

Traffic Status

Road Characteristics

Irregularity information

```
regularSpeed": 44.22,  
"delaySeconds": 509,  
"seconds": 622,  
"type": "Medium",  
"endNode": "Av. Teresa Cristina",  
"line": [ {"x": -46.619741, "y": -23.557225},  
          {"x": -46.617675, "y": -23.557900},  
          ...  
          {"x": -46.611157, "y": -23.564611}],  
"highway": false,  
"length": 1274,  
"trend": 1,  
"nThumbsUp": 1,  
"driversCount": 200,  
"alertsCount": 2,  
"alerts": [ <alerts json> ],  
"nComments": 0,  
"nImages": 0,  
"detectionDate": "Tue Nov 13 15:01:08 +0000 2018",  
"detectionDateMillis": 1542121268831,  
"mapImageUrl": "http://livemap-image.waze.com/0f88  
d90a-2eb1-4d8d-8ec2-096a59a78789",  
"mapImageUrlLastUpdateTime": "Tue Nov 13 14:59:39  
+0000 2018"
```

```
}}
```

Data categories

General

id
updateDate
updateDateMillis

Location

country
city
street

Irregularity information

trend
nThumbsUp
driversCount
alertsCount
alerts
nComments
nImages
detectionDate
detectionDateMillis
mapImageUrl
mapImageUrlLastUpdateTime

Traffic Status

jamLevel
severity
speed
regularSpeed
delaySeconds
seconds
type
startNode
endNode

Road Characteristics

line
highway
length

```
{ "irregularities": {  
  "id": 156903757,  
  "updateDate": "Tue Nov 13 15:01:20 +0000 2018",  
  "updateDateMillis": 1542121280171,  
  "country": "BR",  
  "city": "São Paulo",  
  "street": "Av. do Estado",  
  "jamLevel": 4,  
  "severity": 1,  
  "speed": 7.359999999999999,  
  "regularSpeed": 44.22,  
  "delaySeconds": 509,  
  "seconds": 622,  
  "type": "Medium",  
  "endNode": "Av. Teresa Cristina",  
  "line": [ { "x": -46.619741, "y": -23.557225 },  
            { "x": -46.617675, "y": -23.557900 },  
            ...  
            { "x": -46.611157, "y": -23.564611 } ],  
  "highway": false,  
  "length": 1274,  
  "trend": 1,  
  "nThumbsUp": 1,  
  "driversCount": 200,  
}
```

id

General

Type

integer

Description

unique value of a irregularity

```
{ "irregularities": {  
  "id": 156903757,  
  "updateDate": "Tue Nov 13 15:01:20 +0000 2018",  
  "updateDateMillis": 1542121280171,  
  "country": "BR",  
  "city": "São Paulo",  
  "street": "Av. do Estado",  
  "jamLevel": 4,  
  "severity": 1,  
  "speed": 7.359999999999999,  
  "regularSpeed": 44.22,  
  "delaySeconds": 509,  
  "seconds": 622,  
  "type": "Medium",  
  "endNode": "Av. Teresa Cristina",  
  "line": [ { "x": -46.619741, "y": -23.557225 },  
            { "x": -46.617675, "y": -23.557900 },  
            ...  
            { "x": -46.611157, "y": -23.564611 } ],  
  "highway": false,  
  "length": 1274,  
  "trend": 1,  
  "nThumbsUp": 1,  
  "driversCount": 200,  
}
```

updateDate

General

Type

string

Description

date of the last update time of the irregularity record

```
{ "irregularities": {  
  "id": 156903757,  
  "updateDate": "Tue Nov 13 15:01:20 +0000 2018",  
  "updateDateMillis": 1542121280171,  
  "country": "BR",  
  "city": "São Paulo",  
  "street": "Av. do Estado",  
  "jamLevel": 4,  
  "severity": 1,  
  "speed": 7.359999999999999,  
  "regularSpeed": 44.22,  
  "delaySeconds": 509,  
  "seconds": 622,  
  "type": "Medium",  
  "endNode": "Av. Teresa Cristina",  
  "line": [ { "x": -46.619741, "y": -23.557225 },  
            { "x": -46.617675, "y": -23.557900 },  
            ...  
            { "x": -46.611157, "y": -23.564611 } ],  
  "highway": false,  
  "length": 1274,  
  "trend": 1,  
  "nThumbsUp": 1,  
  "driversCount": 200,
```

updateDateMillis

General

Type

integer

Description

milliseconds since 1st of January of 1970 until the last up date time of the irregularity record


```
{ "irregularities": {  
  "id": 156903757,  
  "updateDate": "Tue Nov 13 15:01:20 +0000 2018",  
  "updateDateMillis": 1542121280171,  
  "country": "BR",  
  "city": "São Paulo",  
  "street": "Av. do Estado",  
  "jamLevel": 4,  
  "severity": 1,  
  "speed": 7.359999999999999,  
  "regularSpeed": 44.22,  
  "delaySeconds": 509,  
  "seconds": 622,  
  "type": "Medium",  
  "endNode": "Av. Teresa Cristina",  
  "line": [ { "x": -46.619741, "y": -23.557225 },  
            { "x": -46.617675, "y": -23.557900 },  
            ...  
            { "x": -46.611157, "y": -23.564611 } ],  
  "highway": false,  
  "length": 1274,  
  "trend": 1,  
  "nThumbsUp": 1,  
  "driversCount": 200,
```

country

Location

Type

string

Description

country name

```
{ "irregularities": {
  "id": 156903757,
  "updateDate": "Tue Nov 13 15:01:20 +0000 2018",
  "updateDateMillis": 1542121280171,
  "country": "BR",
  "city": "São Paulo",
  "street": "Av. do Estado",
  "jamLevel": 4,
  "severity": 1,
  "speed": 7.359999999999999,
  "regularSpeed": 44.22,
  "delaySeconds": 509,
  "seconds": 622,
  "type": "Medium",
  "endNode": "Av. Teresa Cristina",
  "line": [ { "x": -46.619741, "y": -23.557225 },
            { "x": -46.617675, "y": -23.557900 },
            ...
            { "x": -46.611157, "y": -23.564611 } ],
  "highway": false,
  "length": 1274,
  "trend": 1,
  "nThumbsUp": 1,
  "driversCount": 200,
```

city

Location

Type

string

Description

city name

```
{ "irregularities": {
  "id": 156903757,
  "updateDate": "Tue Nov 13 15:01:20 +0000 2018",
  "updateDateMillis": 1542121280171,
  "country": "BR",
  "city": "São Paulo",
  "street": "Av. do Estado",
  "jamLevel": 4,
  "severity": 1,
  "speed": 7.359999999999999,
  "regularSpeed": 44.22,
  "delaySeconds": 509,
  "seconds": 622,
  "type": "Medium",
  "endNode": "Av. Teresa Cristina",
  "line": [ { "x": -46.619741, "y": -23.557225 },
            { "x": -46.617675, "y": -23.557900 },
            ...
            { "x": -46.611157, "y": -23.564611 } ],
  "highway": false,
  "length": 1274,
  "trend": 1,
  "nThumbsUp": 1,
  "driversCount": 200,
```

street

Location

Type

string

Description

street name

```
{ "irregularities": {
  "id": 156903757,
  "updateDate": "Tue Nov 13 15:01:20 +0000 2018",
  "updateDateMillis": 1542121280171,
  "country": "BR",
  "city": "São Paulo",
  "street": "Av. do Estado",
  "jamLevel": 4,
  "severity": 1,
  "speed": 7.359999999999999,
  "regularSpeed": 44.22,
  "delaySeconds": 509,
  "seconds": 622,
  "type": "Medium",
  "endNode": "Av. Teresa Cristina",
  "line": [ { "x": -46.619741, "y": -23.557225 },
            { "x": -46.617675, "y": -23.557900 },
            ...
            { "x": -46.611157, "y": -23.564611 } ],
  "highway": false,
  "length": 1274,
  "trend": 1,
  "nThumbsUp": 1,
  "driversCount": 200,
```

jamLevel

Traffic Status

Type

integer

Description

refers to the percentage of difference between the current speed to free flow-speed

- 0 -> Free flow speed to 80% of free flow speed,
- 1 -> 80% to 61%,
- 2 -> 60% to 41%,
- 3 -> 40% to 21%,
- 4 -> 20% to 1% and
- 5 -> blocked road

```
{ "irregularities": {
  "id": 156903757,
  "updateDate": "Tue Nov 13 15:01:20 +0000 2018",
  "updateDateMillis": 1542121280171,
  "country": "BR",
  "city": "São Paulo",
  "street": "Av. do Estado",
  "jamLevel": 4,
  "severity": 1,
  "speed": 7.359999999999999,
  "regularSpeed": 44.22,
  "delaySeconds": 509,
  "seconds": 622,
  "type": "Medium",
  "endNode": "Av. Teresa Cristina",
  "line": [ { "x": -46.619741, "y": -23.557225 },
            { "x": -46.617675, "y": -23.557900 },
            ...
            { "x": -46.611157, "y": -23.564611 } ],
  "highway": false,
  "length": 1274,
  "trend": 1,
  "nThumbsUp": 1,
  "driversCount": 200,
```

severity

Traffic Status

Type

integer

Description

severity score based on the comparison with historical data

From 0 to 5 (most severe)

```
{ "irregularities": {
  "id": 156903757,
  "updateDate": "Tue Nov 13 15:01:20 +0000 2018",
  "updateDateMillis": 1542121280171,
  "country": "BR",
  "city": "São Paulo",
  "street": "Av. do Estado",
  "jamLevel": 4,
  "severity": 1,
  "speed": 7.359999999999999,
  "regularSpeed": 44.22,
  "delaySeconds": 509,
  "seconds": 622,
  "type": "Medium",
  "endNode": "Av. Teresa Cristina",
  "line": [ { "x": -46.619741, "y": -23.557225 },
            { "x": -46.617675, "y": -23.557900 },
            ...
            { "x": -46.611157, "y": -23.564611 } ],
  "highway": false,
  "length": 1274,
  "trend": 1,
  "nThumbsUp": 1,
  "driversCount": 200,
```

speed

Traffic Status

Type
float

Description
current speed on jammed
segments in km/h

```
{ "irregularities": {
  "id": 156903757,
  "updateDate": "Tue Nov 13 15:01:20 +0000 2018",
  "updateDateMillis": 1542121280171,
  "country": "BR",
  "city": "São Paulo",
  "street": "Av. do Estado",
  "jamLevel": 4,
  "severity": 1,
  "speed": 7.359999999999999,
  "regularSpeed": 44.22,
  "delaySeconds": 509,
  "seconds": 622,
  "type": "Medium",
  "endNode": "Av. Teresa Cristina",
  "line": [ { "x": -46.619741, "y": -23.557225 },
            { "x": -46.617675, "y": -23.557900 },
            ...
            { "x": -46.611157, "y": -23.564611 } ],
  "highway": false,
  "length": 1274,
  "trend": 1,
  "nThumbsUp": 1,
  "driversCount": 200,
```

regularSpeed

Traffic Status

Type

float

Description

historical regular speed on the jam segment in km/h

```
{ "irregularities": {
  "id": 156903757,
  "updateDate": "Tue Nov 13 15:01:20 +0000 2018",
  "updateDateMillis": 1542121280171,
  "country": "BR",
  "city": "São Paulo",
  "street": "Av. do Estado",
  "jamLevel": 4,
  "severity": 1,
  "speed": 7.359999999999999,
  "regularSpeed": 44.22,
  "delaySeconds": 509,
  "seconds": 622,
  "type": "Medium",
  "endNode": "Av. Teresa Cristina",
  "line": [ { "x": -46.619741, "y": -23.557225 },
            { "x": -46.617675, "y": -23.557900 },
            ...
            { "x": -46.611157, "y": -23.564611 } ],
  "highway": false,
  "length": 1274,
  "trend": 1,
  "nThumbsUp": 1,
  "driversCount": 200,
```

delaySeconds

Traffic Status

Type

integer

Description

current time to travel the jam
length minus the free flow time


```
"id": 156903757,  
"updateDate": "Tue Nov 13 15:01:20 +0000 2018",  
"updateDateMillis": 1542121280171,  
"country": "BR",  
"city": "São Paulo",  
"street": "Av. do Estado",  
"jamLevel": 4,  
"severity": 1,  
"speed": 7.359999999999999,  
"regularSpeed": 44.22,  
"delaySeconds": 509,  
"seconds": 622,  
"type": "Medium",  
"endNode": "Av. Teresa Cristina",  
"line": [ {"x": -46.619741, "y": -23.557225},  
          {"x": -46.617675, "y": -23.557900},  
          ...  
          {"x": -46.611157, "y": -23.564611}],  
"highway": false,  
"length": 1274,  
"trend": 1,  
"nThumbsUp": 1,  
"driversCount": 200,  
"alertsCount": 2,
```

seconds

Traffic Status

Type

integer

Description

historical time to travel the jam
length minus the free flow time

```
"updateDate": "Tue Nov 13 15:01:20 +0000 2018",
"updateDateMillis": 1542121280171,
"country": "BR",
"city": "São Paulo",
"street": "Av. do Estado",
"jamLevel": 4,
"severity": 1,
"speed": 7.359999999999999,
"regularSpeed": 44.22,
"delaySeconds": 509,
"seconds": 622,
"type": "Medium",
"endNode": "Av. Teresa Cristina",
"line": [ {"x": -46.619741, "y": -23.557225},
          {"x": -46.617675, "y": -23.557900},
          ...
          {"x": -46.611157, "y": -23.564611}],
"highway": false,
"length": 1274,
"trend": 1,
"nThumbsUp": 1,
"driversCount": 200,
>alertsCount": 2,
>alerts": [ <alerts json> ],
"timestamp": 0
```

type

Traffic Status

Type

string

Description

traffic jam type description

```
"updateDateMillis": 1542121280171,
"country": "BR",
"city": "São Paulo",
"street": "Av. do Estado",
"jamLevel": 4,
"severity": 1,
"speed": 7.359999999999999,
"regularSpeed": 44.22,
"delaySeconds": 509,
"seconds": 622,
"type": "Medium",
"endNode": "Av. Teresa Cristina",
"line": [ {"x": -46.619741, "y": -23.557225},
          {"x": -46.617675, "y": -23.557900},
          ...
          {"x": -46.611157, "y": -23.564611}],
"highway": false,
"length": 1274,
"trend": 1,
"nThumbsUp": 1,
"driversCount": 200,
"alertsCount": 2,
"alerts": [ <alerts json> ],
"nComments": 0,
"nImages": 0
```

endNode

Traffic Status

Type

string

Description

Nearest junction (street name) to segment jam end

```
"street": "Av. do Estado",
"jamLevel": 4,
"severity": 1,
"speed": 7.359999999999999,
"regularSpeed": 44.22,
"delaySeconds": 509,
"seconds": 622,
"type": "Medium",
"endNode": "Av. Teresa Cristina",
"line": [ {"x": -46.619741, "y": -23.557225},
          {"x": -46.617675, "y": -23.557900},
          ...
          {"x": -46.611157, "y": -23.564611}],
"highway": false,
"length": 1274,
"trend": 1,
"nThumbsUp": 1,
"driversCount": 200,
"alertsCount": 2,
"alerts": [ <alerts json> ],
"nComments": 0,
"nImages": 0,
"detectionDate": "Tue Nov 13 15:01:08 +0000 2018",
"detectionDateMillis": 1542121268831,
```

line

Road Characteristics

Type

array

Description

array of location objects with the geographical position of the jammed segments

```
"severity": 1,  
"speed": 7.359999999999999,  
"regularSpeed": 44.22,  
"delaySeconds": 509,  
"seconds": 622,  
"type": "Medium",  
"endNode": "Av. Teresa Cristina",  
"line": [ {"x": -46.619741, "y": -23.557225},  
          {"x": -46.617675, "y": -23.557900},  
          ...  
          {"x": -46.611157, "y": -23.564611}],  
"highway": false,  
"length": 1274,  
"trend": 1,  
"nThumbsUp": 1,  
"driversCount": 200,  
"alertsCount": 2,  
"alerts": [ <alerts json> ],  
"nComments": 0,  
"nImages": 0,  
"detectionDate": "Tue Nov 13 15:01:08 +0000 2018",  
"detectionDateMillis": 1542121268831,  
"mapImageUrl": "http://livemap-image.waze.com/0f88  
d90a-2eb1-4d8d-8ec2-096a59a78789",  
"mapImageUrlLastUpdateTime": "Tue Nov 13 14:59:39
```

highway

Road Characteristics

Type

boolean

Description

true if the irregularity is in a highway and false, otherwise

```
"speed": 7.359999999999999,  
"regularSpeed": 44.22,  
"delaySeconds": 509,  
"seconds": 622,  
"type": "Medium",  
"endNode": "Av. Teresa Cristina",  
"line": [ {"x": -46.619741, "y": -23.557225},  
          {"x": -46.617675, "y": -23.557900},  
          ...  
          {"x": -46.611157, "y": -23.564611} ],  
"highway": false,  
"length": 1274,  
"trend": 1,  
"nThumbsUp": 1,  
"driversCount": 200,  
"alertsCount": 2,  
"alerts": [ <alerts json> ],  
"nComments": 0,  
"nImages": 0,  
"detectionDate": "Tue Nov 13 15:01:08 +0000 2018",  
"detectionDateMillis": 1542121268831,  
"mapImageUrl": "http://livemap-image.waze.com/0f88  
d90a-2eb1-4d8d-8ec2-096a59a78789",  
"mapImageUrlLastUpdateTime": "Tue Nov 13 14:59:39  
+0000 2018"
```

length

Road Characteristics

Type

integer

Description

jam segment length in meters

```
"regularSpeed": 44.22,  
"delaySeconds": 509,  
"seconds": 622,  
"type": "Medium",  
"endNode": "Av. Teresa Cristina",  
"line": [ {"x": -46.619741, "y": -23.557225},  
          {"x": -46.617675, "y": -23.557900},  
          ...  
          {"x": -46.611157, "y": -23.564611}],  
"highway": false,  
"length": 1274,  
"trend": 1,  
"nThumbsUp": 1,  
"driversCount": 200,  
"alertsCount": 2,  
"alerts": [ <alerts json> ],  
"nComments": 0,  
"nImages": 0,  
"detectionDate": "Tue Nov 13 15:01:08 +0000 2018",  
"detectionDateMillis": 1542121268831,  
"mapImageUrl": "http://livemap-image.waze.com/0f88  
d90a-2eb1-4d8d-8ec2-096a59a78789",  
"mapImageUrlLastUpdateTime": "Tue Nov 13 14:59:39  
+0000 2018"
```

trend

Irregularity Information

Type

integer

Description

trend evaluation of the irregularity based on the last record evolution of the speed and length of the road segment

-1 improving

0 constant

1 getting worse

```
regularSpeed": 44.22,  
"delaySeconds": 509,  
"seconds": 622,  
"type": "Medium",  
"endNode": "Av. Teresa Cristina",  
"line": [ {"x": -46.619741, "y": -23.557225},  
          {"x": -46.617675, "y": -23.557900},  
          ...  
          {"x": -46.611157, "y": -23.564611}],  
"highway": false,  
"length": 1274,  
"trend": 1,  
"nThumbsUp": 1,  
"driversCount": 200,  
"alertsCount": 2,  
"alerts": [ <alerts json> ],  
"nComments": 0,  
"nImages": 0,  
"detectionDate": "Tue Nov 13 15:01:08 +0000 2018",  
"detectionDateMillis": 1542121268831,  
"mapImageUrl": "http://livemap-image.waze.com/0f88  
d90a-2eb1-4d8d-8ec2-096a59a78789",  
"mapImageUrlLastUpdateTime": "Tue Nov 13 14:59:39  
+0000 2018"  
}}
```

nThumbsUp

Irregularity Information

Type

integer

Description

number of thumbs up for the irregularity report made by other waze users


```
regularSpeed": 4422,  
"delaySeconds": 509,  
"seconds": 622,  
"type": "Medium",  
"endNode": "Av. Teresa Cristina",  
"line": [ {"x": -46.619741, "y": -23.557225},  
          {"x": -46.617675, "y": -23.557900},  
          ...  
          {"x": -46.611157, "y": -23.564611}],  
"highway": false,  
"length": 1274,  
"trend": 1,  
"nThumbsUp": 1,  
"driversCount": 200,  
"alertsCount": 2,  
"alerts": [ <alerts json> ],  
"nComments": 0,  
"nImages": 0,  
"detectionDate": "Tue Nov 13 15:01:08 +0000 2018",  
"detectionDateMillis": 1542121268831,  
"mapImageUrl": "http://livemap-image.waze.com/0f88  
d90a-2eb1-4d8d-8ec2-096a59a78789",  
"mapImageUrlLastUpdateTime": "Tue Nov 13 14:59:39  
+0000 2018"  
}}
```

driversCount

Irregularity Information

Type

integer

Description

number of waze users in the irregularity segment

```
regularSpeed": 44.22,  
"delaySeconds": 509,  
"seconds": 622,  
"type": "Medium",  
"endNode": "Av. Teresa Cristina",  
"line": [ {"x": -46.619741, "y": -23.557225},  
          {"x": -46.617675, "y": -23.557900},  
          ...  
          {"x": -46.611157, "y": -23.564611}],  
"highway": false,  
"length": 1274,  
"trend": 1,  
"nThumbsUp": 1,  
"driversCount": 200,  
"alertsCount": 2,  
"alerts": [ <alerts json> ],  
"nComments": 0,  
"nImages": 0,  
"detectionDate": "Tue Nov 13 15:01:08 +0000 2018",  
"detectionDateMillis": 1542121268831,  
"mapImageUrl": "http://livemap-image.waze.com/0f88  
d90a-2eb1-4d8d-8ec2-096a59a78789",  
"mapImageUrlLastUpdateTime": "Tue Nov 13 14:59:39  
+0000 2018"  
}}
```

alertsCount

Irregularity Information

Type

integer

Description

number of alerts reported by waze users in the irregularity segment

```
regularSpeed": 4422,  
"delaySeconds": 509,  
"seconds": 622,  
"type": "Medium",  
"endNode": "Av. Teresa Cristina",  
"line": [ {"x": -46.619741, "y": -23.557225},  
          {"x": -46.617675, "y": -23.557900},  
          ...  
          {"x": -46.611157, "y": -23.564611}],  
"highway": false,  
"length": 1274,  
"trend": 1,  
"nThumbsUp": 1,  
"driversCount": 200,  
"alertsCount": 2,  
"alerts": [ <alerts json> ],  
"nComments": 0,  
"nImages": 0,  
"detectionDate": "Tue Nov 13 15:01:08 +0000 2018",  
"detectionDateMillis": 1542121268831,  
"mapImageUrl": "http://livemap-image.waze.com/0f88  
d90a-2eb1-4d8d-8ec2-096a59a78789",  
"mapImageUrlLastUpdateTime": "Tue Nov 13 14:59:39  
+0000 2018"  
}}
```

alerts

Irregularity Information

Type

array

Description

list of alerts on the jam segment.

Each item of this array is a alert json.

```
regularSpeed": 4422,  
"delaySeconds": 509,  
"seconds": 622,  
"type": "Medium",  
"endNode": "Av. Teresa Cristina",  
"line": [ {"x": -46.619741, "y": -23.557225},  
          {"x": -46.617675, "y": -23.557900},  
          ...  
          {"x": -46.611157, "y": -23.564611}],  
"highway": false,  
"length": 1274,  
"trend": 1,  
"nThumbsUp": 1,  
"driversCount": 200,  
"alertsCount": 2,  
"alerts": [ <alerts json> ],  
"nComments": 0,  
"nImages": 0,  
"detectionDate": "Tue Nov 13 15:01:08 +0000 2018",  
"detectionDateMillis": 1542121268831,  
"mapImageUrl": "http://livemap-image.waze.com/0f88  
d90a-2eb1-4d8d-8ec2-096a59a78789",  
"mapImageUrlLastUpdateTime": "Tue Nov 13 14:59:39  
+0000 2018"  
}}
```

nComments

Irregularity Information

Type

integer

Description

number of comments for the irregularity report made by other waze users

```
regularSpeed": 4422,  
"delaySeconds": 509,  
"seconds": 622,  
"type": "Medium",  
"endNode": "Av. Teresa Cristina",  
"line": [ {"x": -46.619741, "y": -23.557225},  
          {"x": -46.617675, "y": -23.557900},  
          ...  
          {"x": -46.611157, "y": -23.564611}],  
"highway": false,  
"length": 1274,  
"trend": 1,  
"nThumbsUp": 1,  
"driversCount": 200,  
"alertsCount": 2,  
"alerts": [ <alerts json> ],  
"nComments": 0,  
"nImages": 0,  
"detectionDate": "Tue Nov 13 15:01:08 +0000 2018",  
"detectionDateMillis": 1542121268831,  
"mapImageUrl": "http://livemap-image.waze.com/0f88  
d90a-2eb1-4d8d-8ec2-096a59a78789",  
"mapImageUrlLastUpdateTime": "Tue Nov 13 14:59:39  
+0000 2018"  
}}
```

nImages

Irregularity Information

Type

integer

Description

number of images shared for the irregularity report made by other waze users

```
regularSpeed": 44.22,  
"delaySeconds": 509,  
"seconds": 622,  
"type": "Medium",  
"endNode": "Av. Teresa Cristina",  
"line": [ {"x": -46.619741, "y": -23.557225},  
          {"x": -46.617675, "y": -23.557900},  
          ...  
          {"x": -46.611157, "y": -23.564611}],  
"highway": false,  
"length": 1274,  
"trend": 1,  
"nThumbsUp": 1,  
"driversCount": 200,  
"alertsCount": 2,  
"alerts": [ <alerts json> ],  
"nComments": 0,  
"nImages": 0,  
"detectionDate": "Tue Nov 13 15:01:08 +0000 2018",  
"detectionDateMillis": 1542121268831,  
"mapImageUrl": "http://livemap-image.waze.com/0f88  
d90a-2eb1-4d8d-8ec2-096a59a78789",  
"mapImageUrlLastUpdateTime": "Tue Nov 13 14:59:39  
+0000 2018"  
}}
```

detectionDate

Irregularity Information

Type

string

Description

date of start time detection of the irregularity record

```
regularSpeed": 4422,  
"delaySeconds": 509,  
"seconds": 622,  
"type": "Medium",  
"endNode": "Av. Teresa Cristina",  
"line": [ {"x": -46.619741, "y": -23.557225},  
          {"x": -46.617675, "y": -23.557900},  
          ...  
          {"x": -46.611157, "y": -23.564611}],  
"highway": false,  
"length": 1274,  
"trend": 1,  
"nThumbsUp": 1,  
"driversCount": 200,  
"alertsCount": 2,  
"alerts": [ <alerts json> ],  
"nComments": 0,  
"nImages": 0,  
"detectionDate": "Tue Nov 13 15:01:08 +0000 2018",  
"detectionDateMillis": 1542121268831,  
"mapImageUrl": "http://livemap-image.waze.com/0f88  
d90a-2eb1-4d8d-8ec2-096a59a78789",  
"mapImageUrlLastUpdateTime": "Tue Nov 13 14:59:39  
+0000 2018"  
}}
```

detectionDateMillis

Irregularity Information

Type

integer

Description

milliseconds since 1st of January
of 1970 until the start time
detection of the irregularity
record

```

    "regularSpeed": 44.22,
    "delaySeconds": 509,
    "seconds": 622,
    "type": "Medium",
    "endNode": "Av. Teresa Cristina",
    "line": [ {"x": -46.619741, "y": -23.557225},
              {"x": -46.617675, "y": -23.557900},
              ...
              {"x": -46.611157, "y": -23.564611}],
    "highway": false,
    "length": 1274,
    "trend": 1,
    "nThumbsUp": 1,
    "driversCount": 200,
    "alertsCount": 2,
    "alerts": [ <alerts json> ],
    "nComments": 0,
    "nImages": 0,
    "detectionDate": "Tue Nov 13 15:01:08 +0000 2018",
    "detectionDateMillis": 1542121268831,
    "mapImageUrl": "http://livemap-image.waze.com/0f88d90a-2eb1-4d8d-8ec2-096a59a78789",
    "mapImageUrlLastUpdateTime": "Tue Nov 13 14:59:39+0000 2018"
  }
}

```

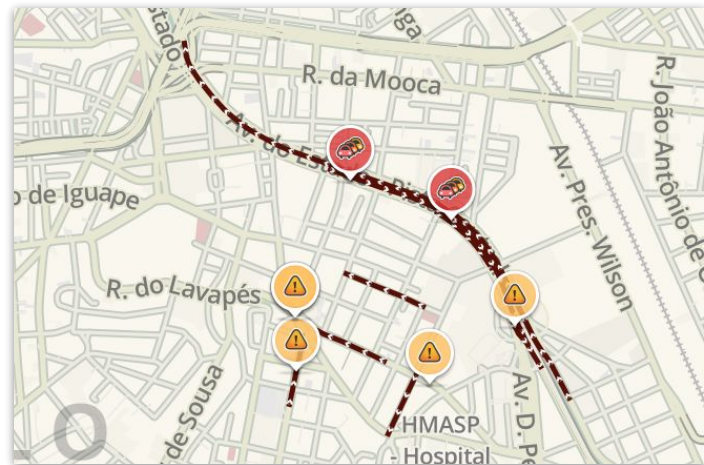
mapImageUrl

Irregularity Information

Type
string

Description

url of the map image for the irregularity record




```
regularSpeed": 44.22,  
"delaySeconds": 509,  
"seconds": 622,  
"type": "Medium",  
"endNode": "Av. Teresa Cristina",  
"line": [ {"x": -46.619741, "y": -23.557225},  
          {"x": -46.617675, "y": -23.557900},  
          ...  
          {"x": -46.611157, "y": -23.564611}],  
"highway": false,  
"length": 1274,  
"trend": 1,  
"nThumbsUp": 1,  
"driversCount": 200,  
"alertsCount": 2,  
"alerts": [ <alerts json> ],  
"nComments": 0,  
"nImages": 0,  
"detectionDate": "Tue Nov 13 15:01:08 +0000 2018",  
"detectionDateMillis": 1542121268831,  
"mapImageUrl": "http://livemap-image.waze.com/0f88  
d90a-2eb1-4d8d-8ec2-096a59a78789",  
"mapImageUrlLastUpdateTime": "Tue Nov 13 14:59:39  
+0000 2018"  
}}
```

mapImageUrlLastUpdateTime

Irregularity Information

Type
string

Description

last update datetime of the url
image for the irregularity record

Thanks!!!
See you in the
next class

