

jOVI

A jQuery plugin on top of
Nokia Maps API

<https://github.com/mmarcon/jOVI>

me

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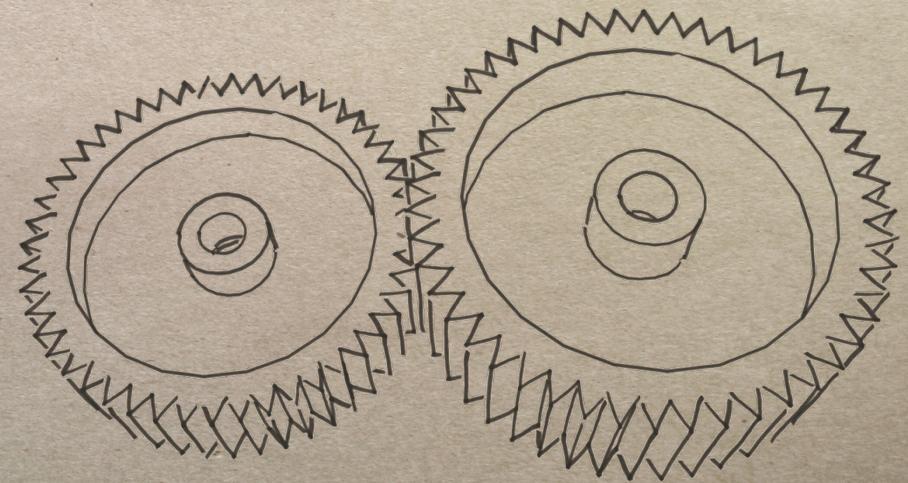
@mmarcon

summary

- 📍 what is jOVI
- 📍 why jOVI
- 📍 in short...
- 📍 about jOVI
- 📍 limits
- 📍 future work
- 📍 Q&A

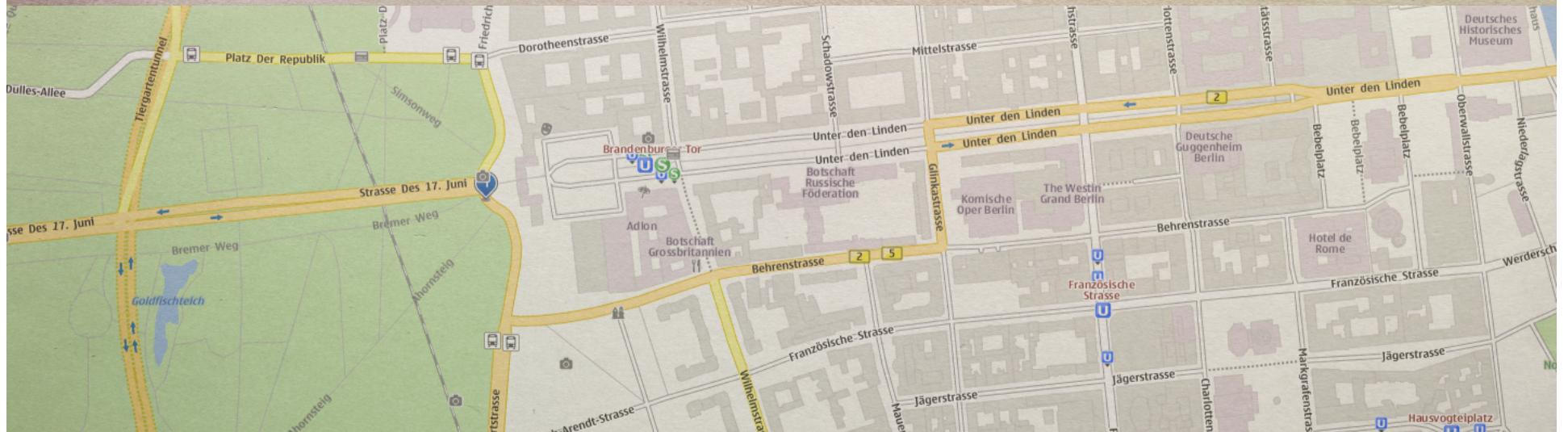
what is jOVI

Open source jQuery
plugin



what is jOVI

Wraps Nokia Maps API



what is jOVI

Helps to easily
embed a Nokia map
in a web page

why JOVI

Essentially
for fun...



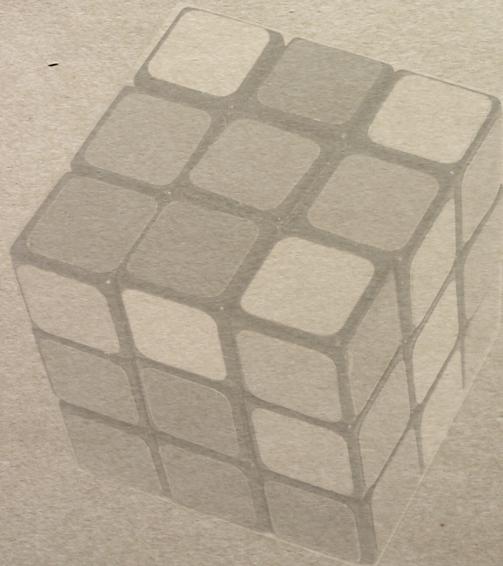
why jOVI

Nokia Maps API has
LOTS of features
and great OO
implementation



why jOVI

The API is
overwhelming for
the average web
developer



why jOVI

The documentation is
not user friendly

why jOVI

jQuery is a *de facto*
standard when it comes
to build **modern,**
interactive websites



in short... □ □

Why would I write something like this:

```
var mapElement, map, components = [],  
    where = [29.187778, -82.130556]  
  
components.push(new ovi.mapsapi.map.component.ZoomBar());  
  
mapElement = document.getElementById("map");  
map = new ovi.mapsapi.map.Display(mapElement,  
{  
    zoomLevel: 10,  
    center: where,  
    components: components  
});
```

in short... □ □ □

When I can do this instead:

```
$( '#map' ).jovi({  
    zoom: 10,  
    center: [29.187778, -82.130556],  
    zoomBar: true  
});
```

about jOVI

Instantiate jOVI

```
//appID and authToken are obtained  
//from NOKIA Developer website  
$('#map').jovi (options,  
                 appID,  
                 authToken);
```

Call a jOVI method (jQuery UI-like syntax)

```
$('#map').jovi ("methodName",  
                param1,  
                param2);
```

about jOVI

Currently supports:

- ⌚ Map creation on a certain location
- ⌚ Map type setting (map, satellite, terrain)
- ⌚ Markers with events
- ⌚ InfoBubble containing string or more complex jQuery object

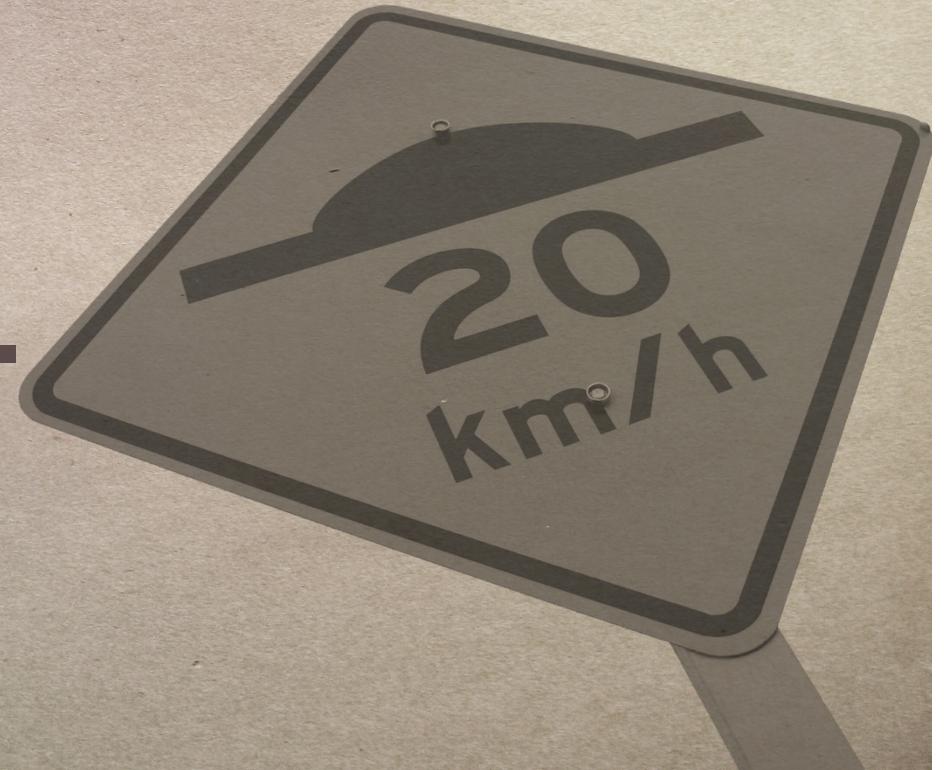
limits

Exposes only a subset of
the functionalities
implemented
in Maps.



limits

Requires jQuery,
which means
more bytes
over the wire.



future work

- Integration with routing
- Geo-shapes
- Maps event handling
- Optimization
- Integration into frameworks for mobile, e.g. jQuery-Mobile

Q & A

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