



# OAS2Tree: Visual API-First Design

OAS2Tree is a visualization tool presented both as a Web Application and a VSCode Extension. It allows visualizing the tree structure of an API using its OpenAPI specification using an intuitive graphical notation, and highlighting issues and design smells.

### Launch button

Click on that button to launch OAS2Tree web view

### Visualization Web View

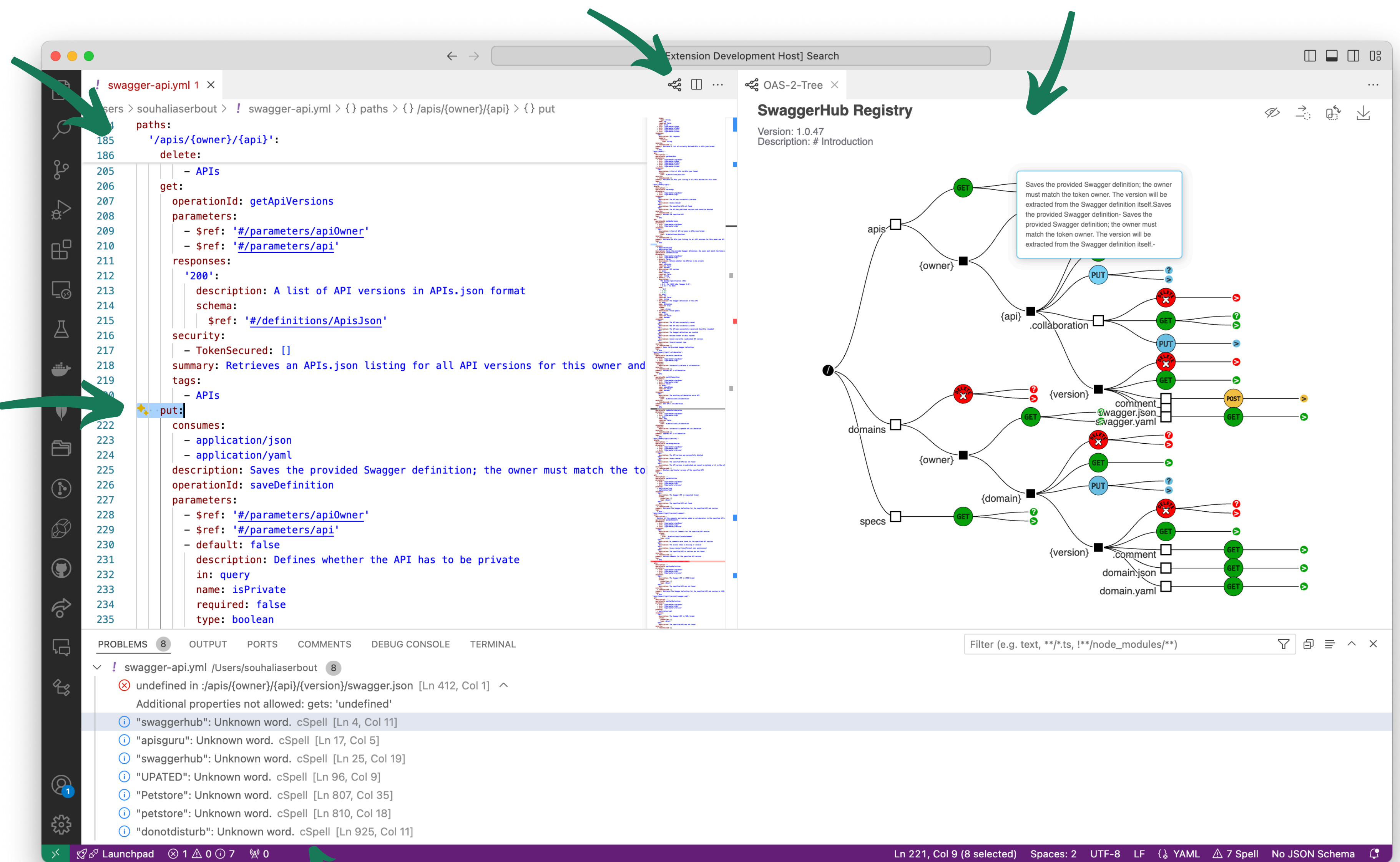
The web view is updated simultaneously as the editor of the OAS is modified

### OpenAPI Spec

OAS2tree can be used on any OAS specification and renders the tree in realtime

### Navigation

When hovering over an element the editor navigates to the element and highlights it.

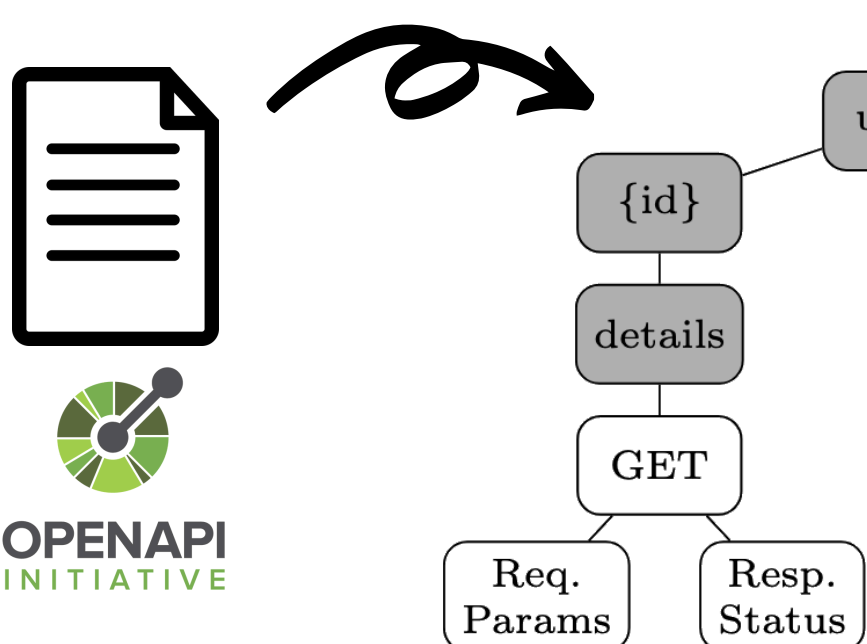


### Problems Tab

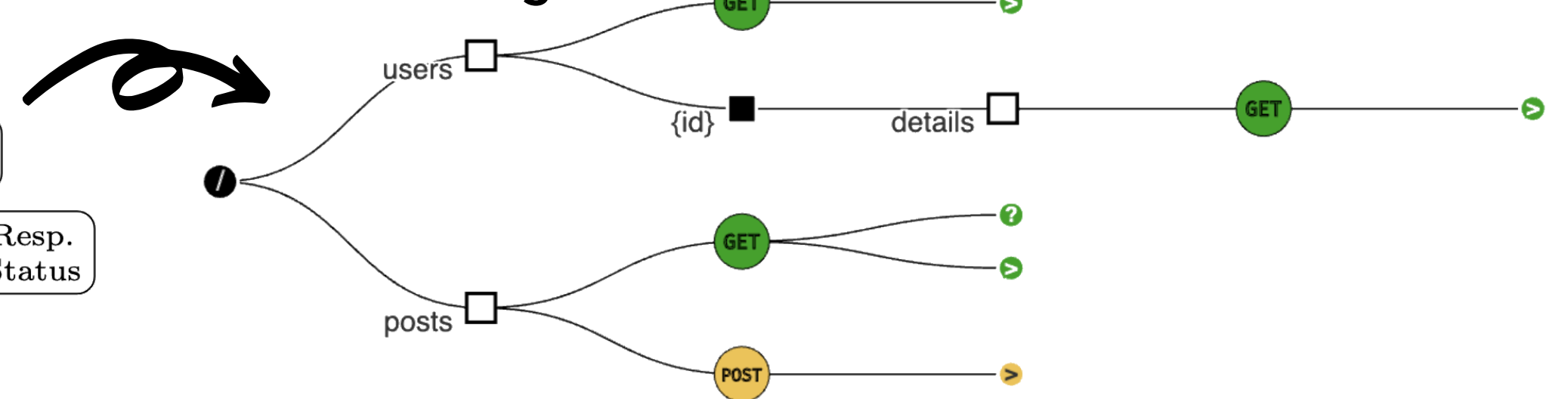
The tab shows the current issues in the spec and highlights as warnings the design smells

Find more links and watch demo video: <https://souhaila-serbout.me/readmore/oas2tree>

### API Tree structure extraction



### Graphical notation attachment and rendering



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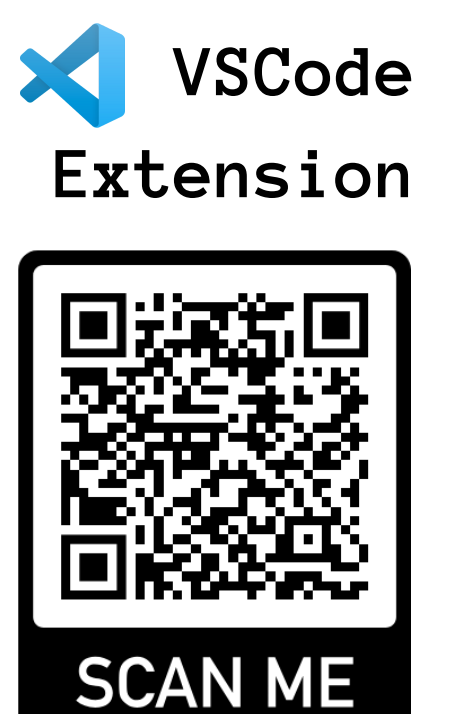
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**Cesare Pautasso**



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<http://pautasso.org/>

Where to find?



<http://api-ace.inf.usi.ch/openapi-to-tree/>