

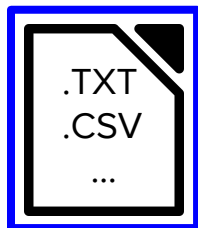


POLYTECH[°]
GRENOBLE

Dashboard generator for scientific applications

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The process



+



+

```
python Prototype6.py Data/data.csv ^[a-zA-Z0-9] , Template.yaml
```



python™

<http://127.0.0.1:8050/>

Our program

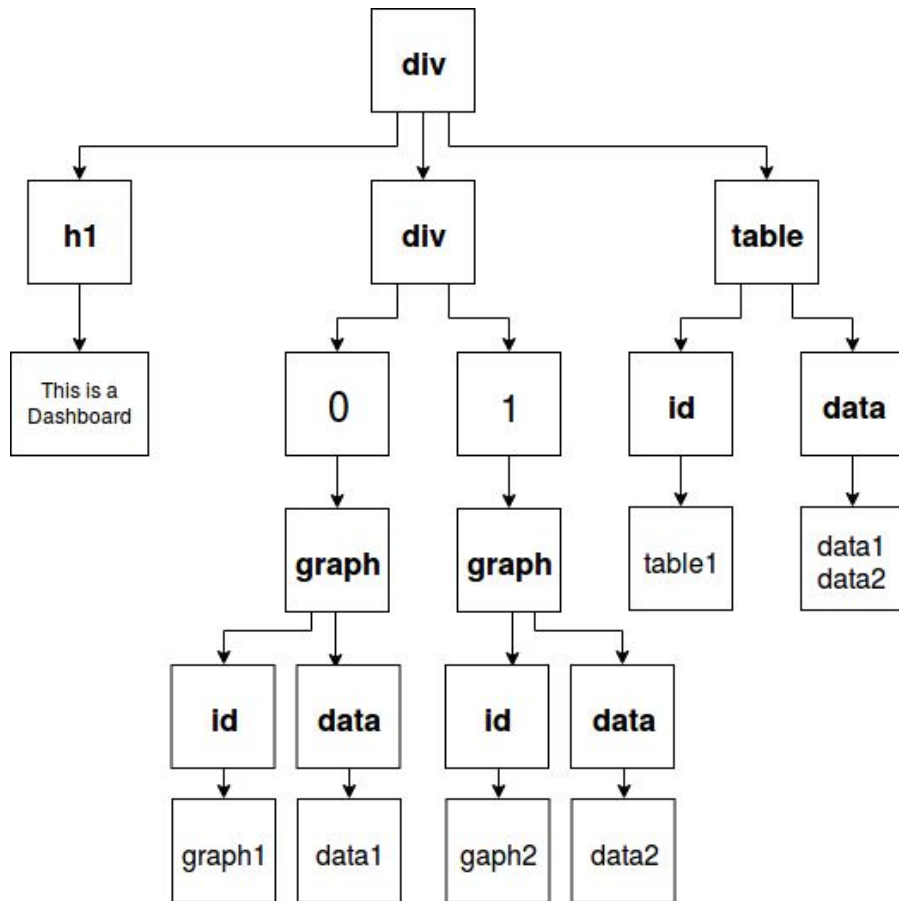
Reg[ular] *
Ex[pression]

The YAML template

```
1  div:
2    h1: This is a Dashboard
3    div:
4      - graph:
5          id: Graph1
6          data: data1
7      - graph:
8          id: Graph2
9          data: data2
10   table:
11     id: table1
12     data: data1 + data2
```



python object
dictionary



Reg[ular] * Ex[pression]

Findall



Search
(to be able to ignore
comments)

```
#comment
x y z
1 5 9
```

<code>^[a-zA-Z0-9]</code>	<code>x y z</code> <code>1 5 9</code>
<code>^([a-zA-Z0-9]*)\s[a-zA-Z0-9]*\s([a-zA-Z0-9]*)</code>	<code>x z</code> <code>1 9</code>
<code>^([a-zA-Z0-9]*)\s(?1)\s((?1))</code>	<code>x z</code> <code>1 9</code>

**Thank you for your
attention!**