

# nb\_flowchart

July 2, 2023

## 1 Javascript library in a notebook: flowchart

Tries [flowchart.js](#) in a notebook.

```
[1]: css = None
     libs = ["http://fperucic.github.io/treant-js/vendor/raphael.js",
            "http://flowchart.js.org/flowchart-latest.js"]
```

```
[2]: script = """
     var diagram = flowchart.parse(
         "st=>start: Start:>http://www.google.com[blank]\\n" +
         "e=>end:>http://www.google.com\\n" +
         "op1=>operation: My Operation\\n" +
         "sub1=>subroutine: My Subroutine\\n" +
         "cond=>condition: Yes\\n" +
         "or No?:>http://www.google.com\\n" +
         "io=>inputoutput: catch something...\\n" +
         "\\n" +
         "st->op1->cond\\n" +
         "cond(yes)->io->e\\n" +
         "cond(no)->sub1(right)->op1");
     diagram.drawSVG('__ID__');
     """
```

```
[3]: from jyquickhelper import RenderJS
     jr = RenderJS(script=script, css=css, libs=libs,
                   div_class="chart", height=None, width=None)
     jr
```

```
[3]: <jyquickhelper.jspy.render_nb_js.RenderJS at 0x23b50aeb470>
```

```
[4]: jr.generate_html()[0]
```

```
[4]: '<div id="Ma1c484f4b6254eab8a9e6f5401192721-cont"><div class="chart"
     id="Ma1c484f4b6254eab8a9e6f5401192721"></div></div>'
```

```
[5]: print(jr.generate_html()[1])
```

```
require(['http://fperucic.github.io/treant-
js/vendor/raphael.js', 'http://flowchart.js.org/flowchart-latest.js'], function()
```

```

{
var diagram = flowchart.parse(
  "st=>start: Start:>http://www.google.com[blank]\n" +
  "e=>end:>http://www.google.com\n" +
  "op1=>operation: My Operation\n" +
  "sub1=>subroutine: My Subroutine\n" +
  "cond=>condition: Yes\n" +
  "or No?:>http://www.google.com\n" +
  "io=>inputoutput: catch something...\n" +
  "\n" +
  "st->op1->cond\n" +
  "cond(yes)->io->e\n" +
  "cond(no)->sub1(right)->op1");
diagram.drawSVG('Ma1c484f4b6254eab8a9e6f5401192721');
});

```

[6]: