

nb_customjs

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1 Use a local javascript file in a notebook.

The notebook saves a custom javascript file and reuses it. Freely inspired from [Jupyter Notebook - javascript](#).

```
[1]: script = """
modify_demo = function(document, tagid) {
    var zone = document.getElementById(tagid);
    var student = new Array();
    student[1]=23;
    student[2]=34;
    student[3]=67;
    student[4]=76;
    student[5]=51;
    student[6]=72;
    zone.innerHTML = "<b>Student results</b>";
    zone.innerHTML += "<ul>";
    var numStudents=0;
    var sum=0;
    var ans=0;
    for(var i in student){
        zone.innerHTML += "<li>Student "+i+": "+student[i]+"% (2)";
        numStudents++;
        sum=sum+student[i];
    }
    zone.innerHTML += "</ul>";
    ans=Math.round(sum/numStudents);
    zone.innerHTML += "student average is "+ans+"% -";
};
"""
```

```
[2]: with open('custom_demo.js', "w") as f:
    f.write(script)
```

We save the file in the local folder.

```
[3]: import os
[_ for _ in os.listdir(os.getcwd()) if '.js' in _]
```

```
[3]: ['custom_demo.js', 'renderjson.js', 'vis.min.js', 'viz-lite.js', 'viz.js']
```

```
[4]: %%html

<div id="myfirstid">empty</div>
```

<IPython.core.display.HTML object>

```
[5]: %%html
<script src="custom_demo.js"></script>
<script>
modify_demo(document, "myfirstid");
</script>
```

<IPython.core.display.HTML object>

The notebook is picking the javascript file inside the current folder.

```
[6]:
```