

# TD : My Nice Lesson Title

## 1) First Some code Exemples with Massilia Dark Theme

Command to type in Terminal:

```
md2all -dark example.md
```

bash

```
1  <body>
2    <div class="box">
3      <div class="morpion">
4        <div class="case">X</div>
5        <div class="case">Y</div>
6        <div class="case">Z</div>
7        <div class="case">A</div>
8        <div class="case">B</div>
9        <div class="case">C</div>
10       <div class="case">T</div>
11       <div class="case">U</div>
12       <div class="case">V</div>
13     </div>
14   </div>
15 </body>
```

html

```
9  <!DOCTYPE html>
10 <html lang="fr">
11 <head>
12   <meta charset="UTF-8">
13   <meta name="viewport" content="width=device-width, initial-scale=1.0">
14   <meta http-equiv="X-UA-Compatible" content="ie=edge">
15   <title>Document</title>
16 </head>
17 <body>
18
19 </body>
20 </html>
```

html

```
1  body , p , .warning , .inlinewarning {
2    font-family: "Souvenir Lt Bt", Andika, "Amerigo BT", Century, "Bookman URW", "Bitstream Vera Serif", "Free Sar
3    line-height: 1.5rem;
4  }
5
6  .toc-title {
7    color: red;
8  }
9
10 p , ul {
11   text-align: justify;
12   margin : 0.1rem 0 0 0;
13 }
```

css

```
14 var codeClasses = [];
15 var codesList = document.querySelectorAll("code.sourceCode");
16 for (var i = 0; i < codesList.length; i++) {
17   codeClasses.push(codesList[i].classList[1]);
18   codesList[i].classList.add("language-"+codeClasses[i]);
19 }
```

javascript

```
4 <?php
5 echo "Hello World!";
6 ?>
```

php

## 2) Python Code

```
1 #!/usr/bin/env python
2
3 """
4 Pandoc filter to process code blocks with class "graph" into
5 graphviz-generated images.
6 Requires pygraphviz, pandocfilters
7 """
8
9 import os
10 import sys
11
12 import pygraphviz
13
14 from pandocfilters import toJSONFilter, Para, Image, get_filename4code
15 from pandocfilters import get_caption, get_extension, get_value
16
17 def document_name():
18     if "PANDOC_INPUT_FILE" in os.environ:
19         return os.environ["PANDOC_INPUT_FILE"]
20     else:
21         return "graph"
```

python

## 3) LaTeX

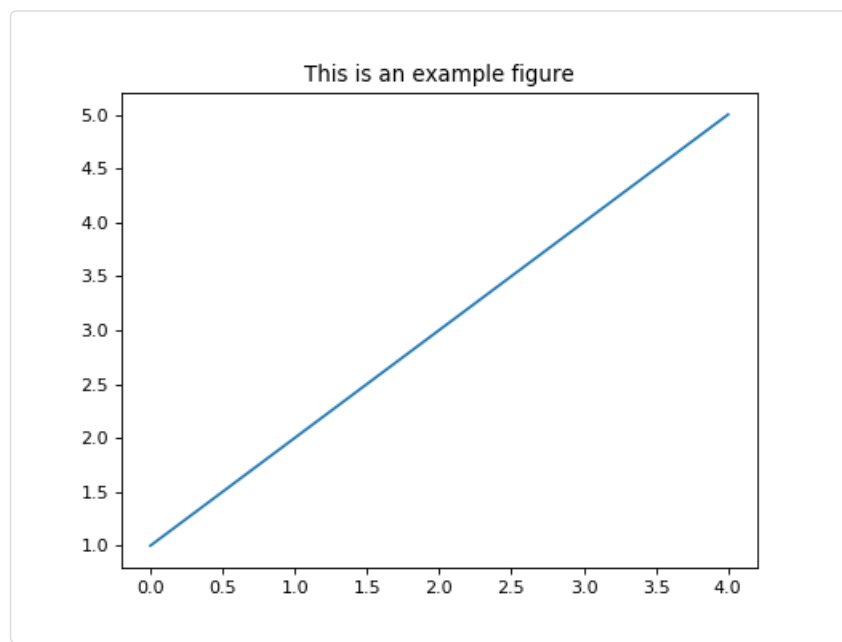
Hello, this is how to insert LaTeX code in your .md File, as a math inline formula  $\sqrt{4} = 2$  , so this line goes on after the other inline formula  $i^2$  , or, as a block code:

$$i_0 = 1; i_1 = 2$$

That's it!

## 4) Matplotlib

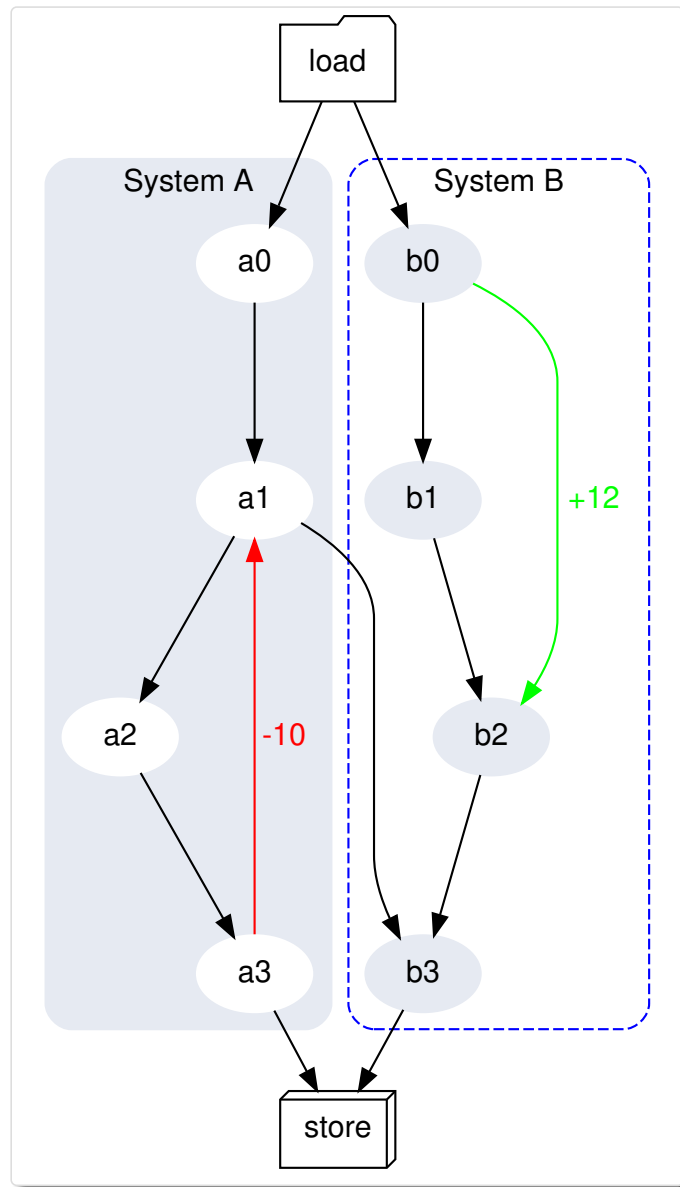
A Matplotlib rendered Image, with Matplotlib syntax



[\(Source code, high res.\)](#)

## 5) Graphviz

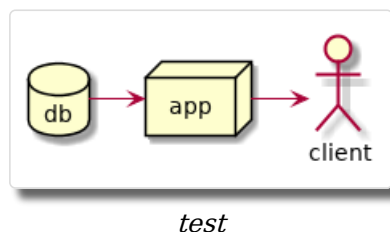
A Graphviz rendered Image, with the .dot syntax



*This was generated using the graphviz.py filter.*

## 6) PlantUML

A plantUML rendered image :



## 7) Multi-Columns

First Normal Paragraph

Second Normal Paragraph

Column 1, Normal Paragraph. Column 1, Normal Paragraph. Column 1, Normal Paragraph	Column 2, Normal Paragraph. Column 2, Normal Paragraph. Column 2, Normal Paragraph
--	--

Middle Paragraph. Middle Paragraph. Middle Paragraph. Middle Paragraph. Middle Paragraph. Middle Paragraph. Middle Paragraph. Middle Paragraph.

Column 1, Normal Paragraph. Column 1, Normal Paragraph. Column 1, Normal Paragraph

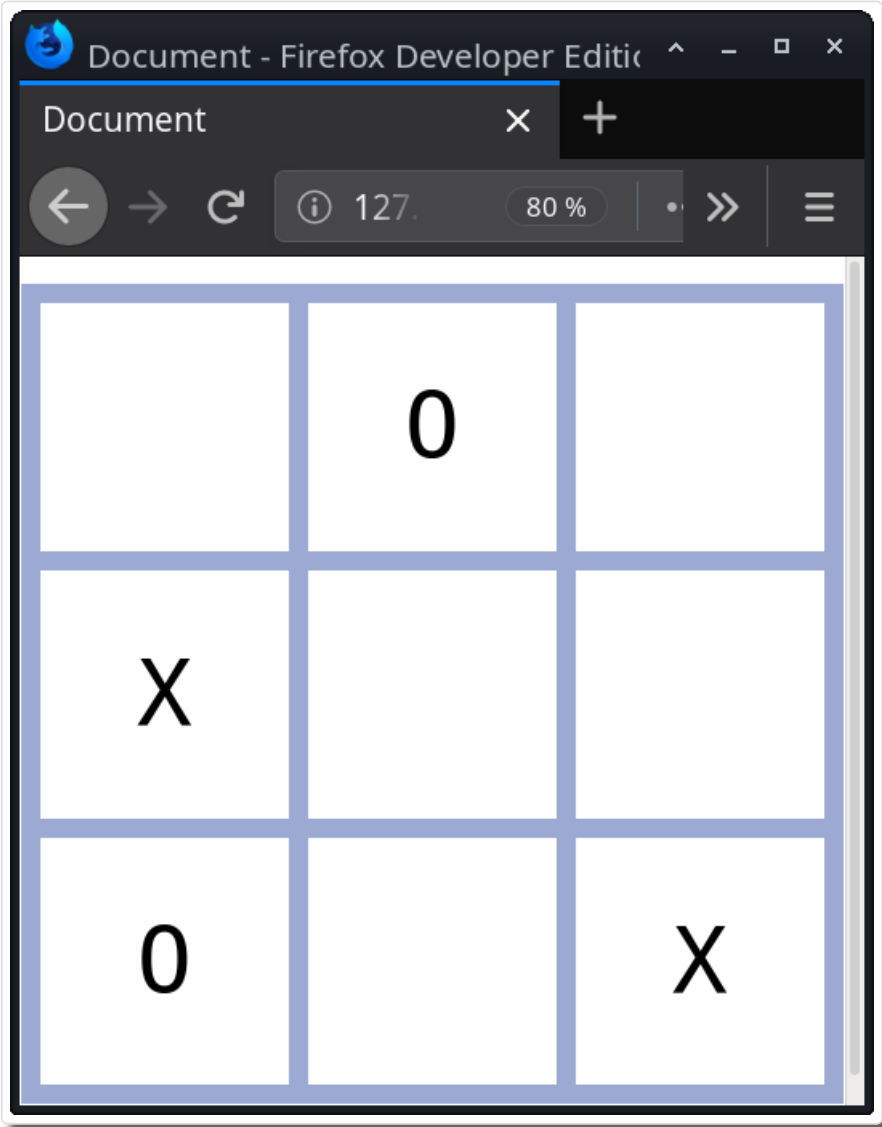
Column 2, Normal Paragraph. Column 2, Normal Paragraph. Column 2, Normal Paragraph

Column 3, Normal Paragraph. Column 3, Normal Paragraph. Column 3, Normal Paragraph

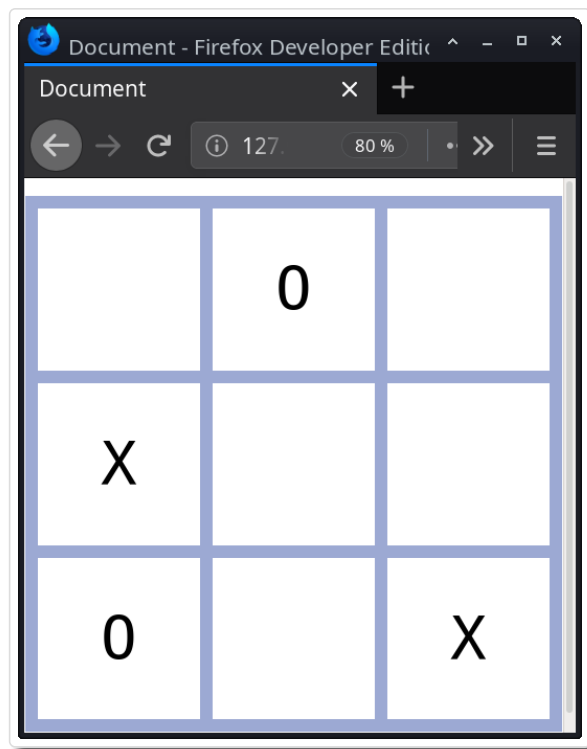
Last Normal Paragraph. Last Normal Paragraph. Last Normal Paragraph.

Last Normal Paragraph. Last Normal Paragraph. Last Normal Paragraph.

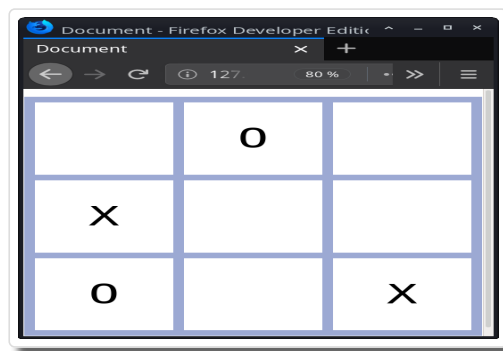
## 8) Images



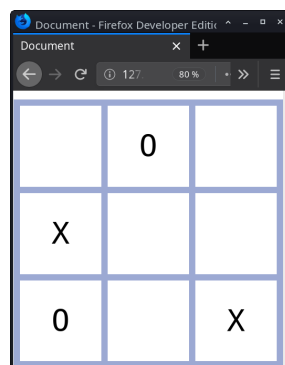
Caption 0: Original Size



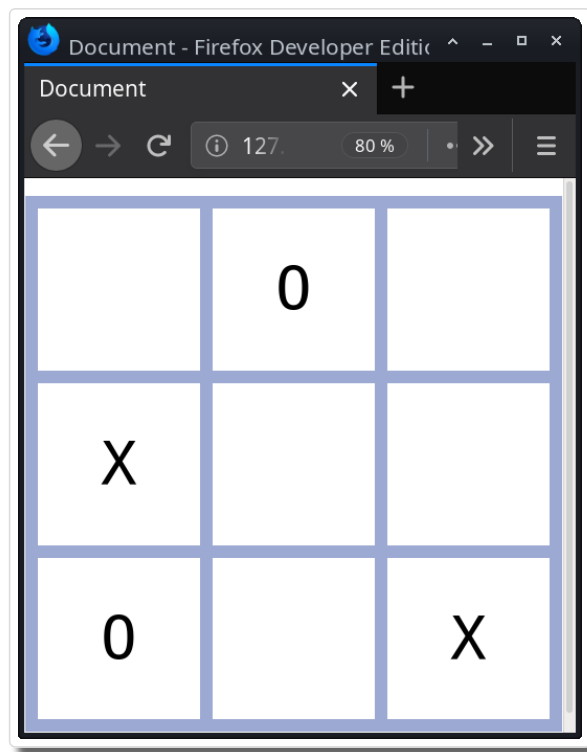
*Caption 1: 40% width*



*Caption 2: Fixed width=300px and height=200px with style attribute*



*Caption 3, with .noimgbox and width 20%*



*Caption 4, with custom class and attribute (cf html)*