

DOC-ORG: Docker, Org Mode, Latex

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Contents

1 Introduction

This example shows a lot of what you can achieve with **doc-org**.

However, **doc-org** uses latex, emacs and org-mode, so the sky is the limit and there will never be a *"full"* example.

1.1 header

The `header.tex` file of this example is a good starting point for your document, because it supports a lot of features. Of course, reading all the other examples related to each single feature is recommended to understand what's the role of every line of the header.

2 some code

If you specify the programming language, code syntax is highlighted.

```
int main()
{
    printf("hello world\n");
}

# This program prints Hello, world!
print('Hello, world!')
```

3 Some math

You can insert latex equation, like equation ??.

$$\phi = \frac{2\pi f D}{c} \tag{1}$$

3.1 Other latex equations

Equation ?? reference.

$$D = \frac{c\phi}{2\pi f} \tag{2}$$

3.1.1 A more complicated equation

$$\Delta TOF_{est} = \frac{k_T TOF}{1 + k_T} - 0.5 \frac{\mu'_A - \mu'_T}{1 + k_T}. \tag{3}$$

4 tables

look how cute is this simple table:

one	two
1	2
3	4

Table 1: You can add captions to your tables

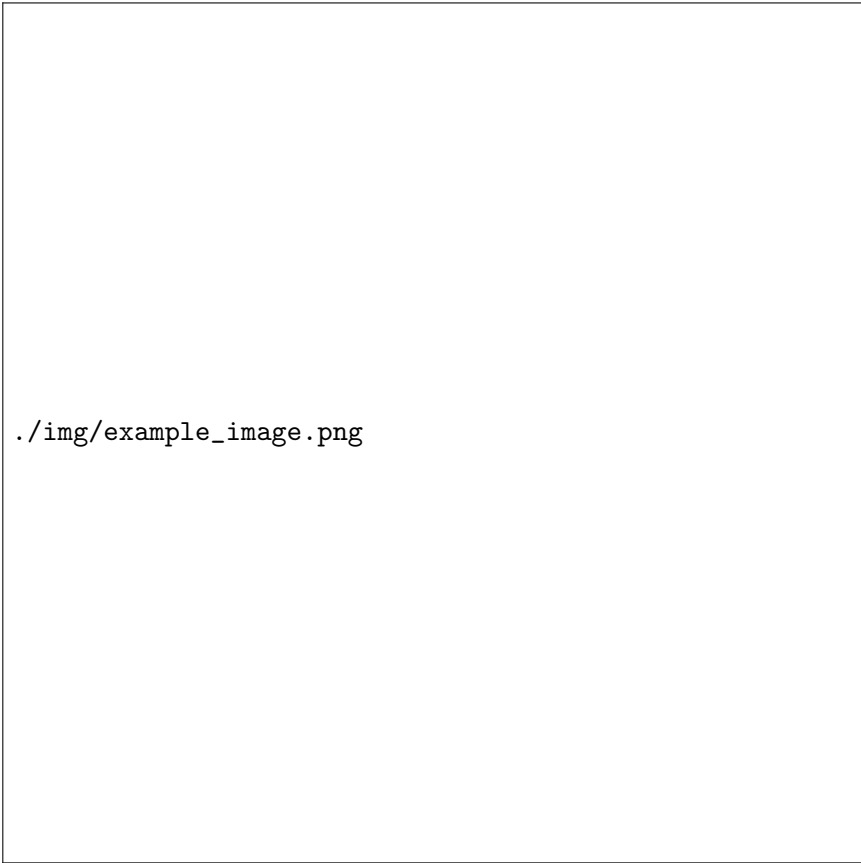
Anchor	MAE	Correlation	MMA	MAPE	RMSE
a1	6.871	-0.372	1.164	0.157	8.515
a2	5.275	0.329	1.127	0.117	6.332
a3	5.406	0.672	1.117	0.114	6.457

5 Images

You can insert image, for example see image ??.

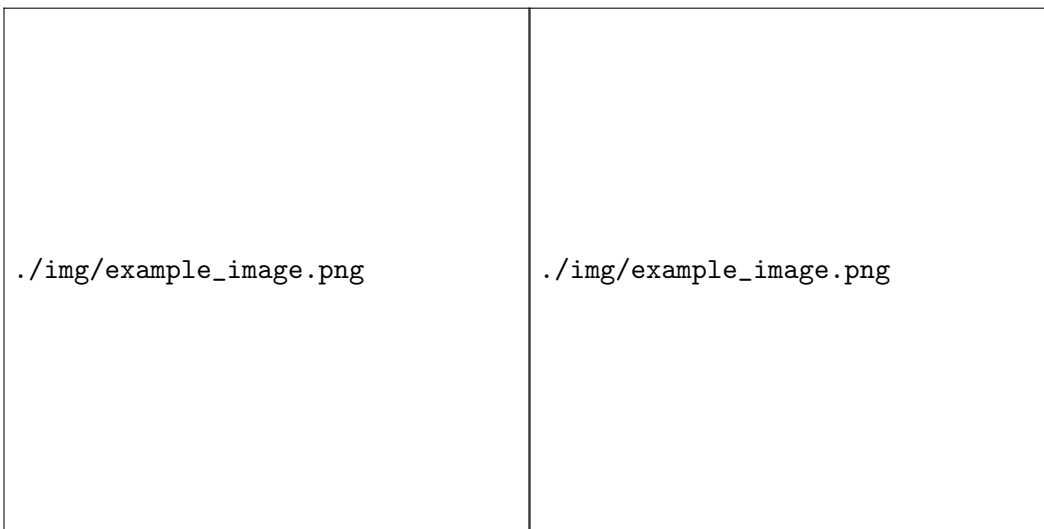
5.1 image matrix

In image ?? you can find an example of how to combine different images into one in latex.



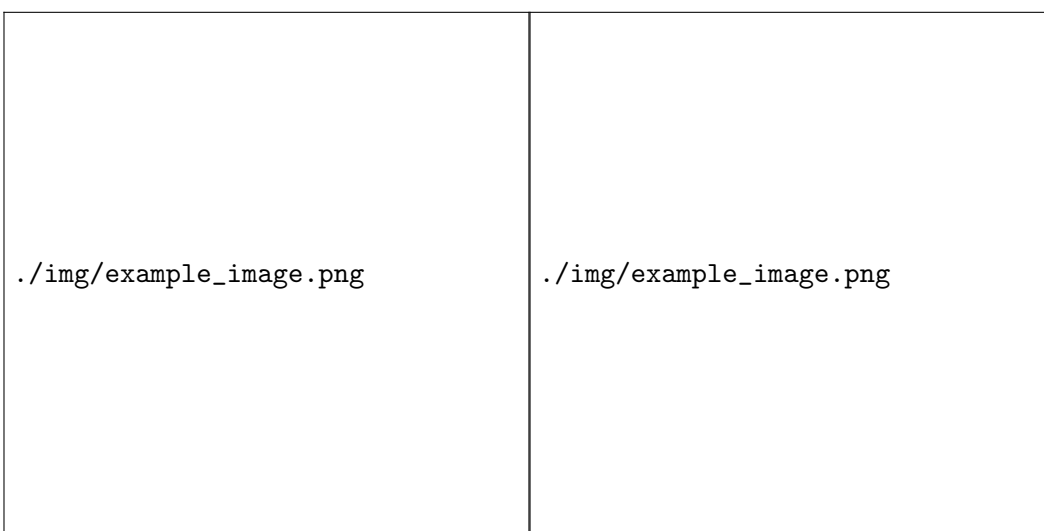
`./img/example_image.png`

Figure 1: Example image.



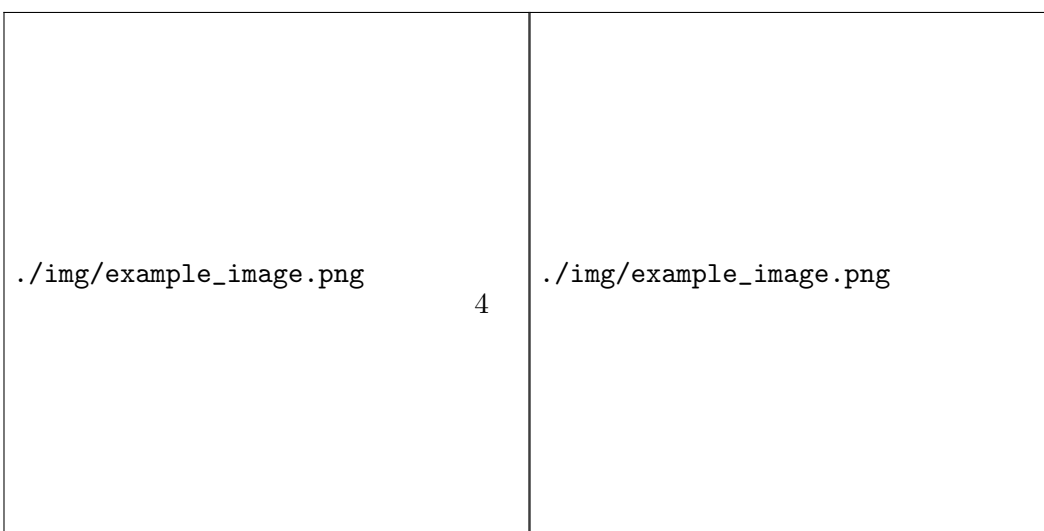
(a) Case 1.

(b) Case 2.



(c) Case 3.

(d) Case 4.



(e) Case 5.

(f) Case 6.