

# DOC-ORG: Docker, Org Mode, Latex

Marco Ieni

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## 1 section

This example shows what you can do with a minimal `header.tex` file. To change the aspect of what you see, edit it!

## 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.