

# DOC-ORG: Docker, Org Mode, Latex

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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.