

# DOC-ORG: Docker, Org Mode, Latex

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## 1 header

This examples show what you can do with a two lines long `header.tex`. To change the aspect of what you see, edit it!

### 1.1 subheader

this text is a inside subheader.

## 2 some code

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

## 3 lists

### 3.1 numerated

1. one
2. two
  - (a) sub-two
    - i. sub-sub-two
3. three

## 3.2 unnumbered

- One
  - Two
  - \* Three
  - Four

### 3.2.1 trivia

Doc-org could mean a lot of things, such as:

- document - organized
- docker - org mode
- docile - organist

A team of 42 linguists is currently searching for the answer.

## 3.3 with description

**element1** description for element one.

**element2** Very long description for element two, in order to show a multi-line description.

## 4 Some math

You can insert latex equation, like equation 1.

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

### 4.1 Other latex equations

Equation 2 reference.

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

#### 4.1.1 A more complicated equation

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

## 5 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