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!

1.1   subsection

This text is a inside subsection. You can add a reference to section **??**.

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   lists

3.1   numerated

1. one

2. two

    (a) sub-two

         i. sub-sub-two

   3. three

3.2   unnumerated

- 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 **??**.

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

4.1   Other latex equations

Equation **??** 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

6 Images

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

6.1 image matrix

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