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.

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

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

3 Some math

You can insert latex equation, like equation 1.

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

3.1 Other latex equations

Equation 2 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   lists

4.1   numerated

1. one

2. two

   (a) sub-two

      i. sub-sub-two

3. three

Here we refer to item 3.

4.2   unnumerated

- One

  - Two

    * Three

      · Four

    * Five

4.2.1   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.

4.3   Enumeration example

element1 description for element one.

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

5 tables

look how cute is this simple table:

one	two
1	2
3	4

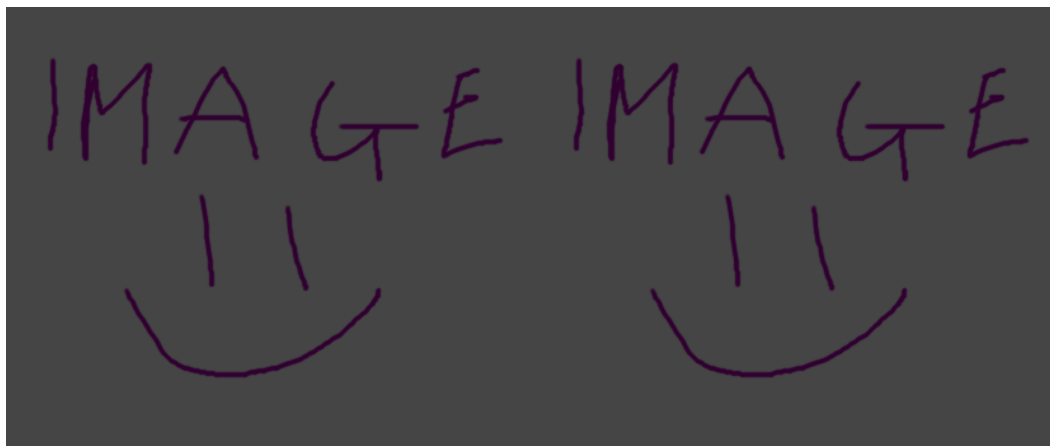| Anchor	MAE	Correlation	MMA	MAPE	RMSE
a1	6.871	-0.372	1.164	0.157	8.515
a2	5.275	0.329	1.127	0.117	6.332
a3	5.406	0.672	1.117	0.114	6.457

Table 1: You can add captions to your tables

6 Images

You can insert image, for example see image 1.

6.1 image matrix

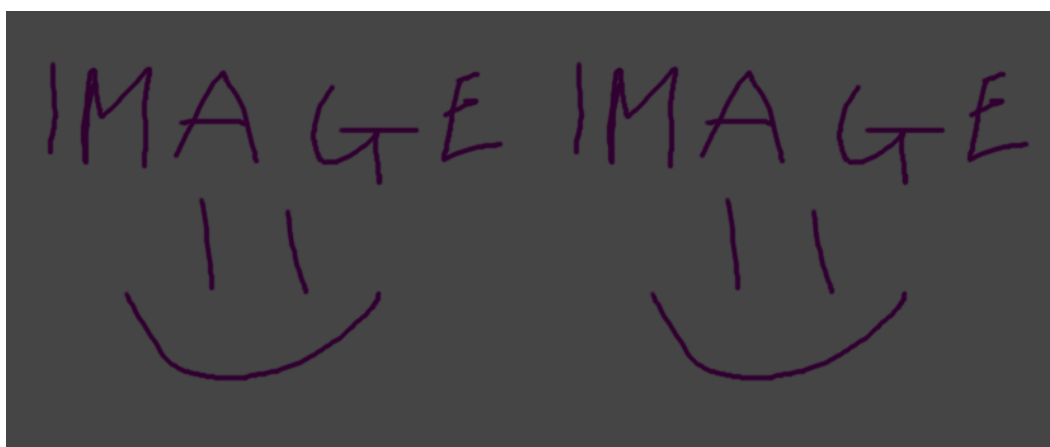In image 2 you can find an example of how to combine different images into one in latex.
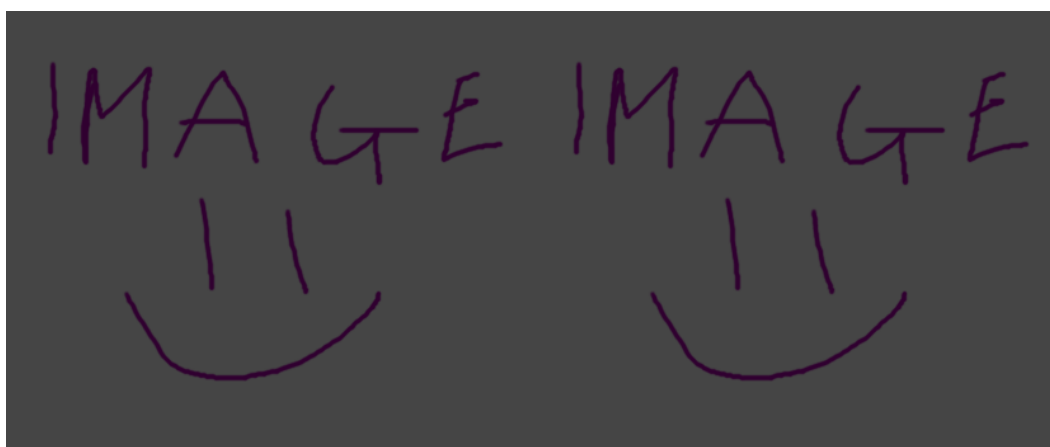
Figure 1: Example image.

(a) Case 1.

(b) Case 2.

(c) Case 3.

(d) Case 4.

(e) Case 5.

(f) Case 6.

Figure 2: Combine more pictures into one.