1 Introduction

This example shows what you can do with a one line `header.tex` file.

1.1 subsection

This text is a inside subsection.

2 some code

Even if you specify the programming language, code syntax is not high-lighted by default.

```
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.

4 Some math

You can insert latex equation, like equation 1.

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

As you can see, reference to equations works by default, but see `references` example if you want to know more.

4.1 Other latex equations

Equation 2 reference.

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

4.1.1 A more complicated equation

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