

# First document in Unix style

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## ABSTRACT

This document is a first attempt to write documentation using the Unix typesetting system *troff* instead of *LaTeX* which I used to use.

### 1. First heading

And some text afterwards. There is also a second sentence — nice! Because I think this is still not enough text, I write some more words here. Maybe even one more sentence would be good. Okay, that should be enough for this paragraph.

So let's have a second paragraph, just as example.

### 2. My next heading

Here now, I want to introduce some different text styles: For example, see an *italic* word, or next, a **bold** one. Great, isn't it?

#### 2.1. Now a formula

That's the *quadratic equation*. (I'm really curious if that works!)

$$x_{1,2} = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

### 3. And verbatim test

Source code in that example.

```
#include <stdio.h>

#define N 1447 /* limit is around 1448 */

int main() {
    int matrix[N*N];
    printf("size: %d0, sizeof(matrix));
    return 0;
}
```

### This is now unnumbered

Only for testing. Remeber, there is no deeper sense behind the content.