

Title of the article

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To be or not? To be! –Wally Shakelance

Abstract

Background: This is an example document made in LaTeX to illustrate how to prepare a paper for e-Informatica Software Engineering Journal. It can be used as template.

Aim: Define the goal of your research.

Method: Briefly describe used methods.

Results: Demonstrate the results obtained.

Conclusion: What do your results mean?

1. Suggested structure of the paper

We strongly advise to use the following structure of the paper:

- Introduction
- Related Work
- Methods
- Analysis
- Discussion (e.g. threats to validity)
- Conclusions and further works
- Information about funding/support sources (or about lack of)
- References

Use items as titles of sections.

2. Section — foundations of L^AT_EX

Try to prepare your paper as simply as possible. Modify this template as small as possible. Add only required L^AT_EX packages. Do not „prettify” your paper (e.g. enable two columns or add header/footer).

Text text text text text text text text text text text text text text text text.

Another paragraph of text. Text text text text text end of line

text text text text text text text text text text text. This text is “in quotes”. This is ellipsis

...

2.1. Subsection

2.1.1. Subsubsection

Text of first subsubsection.

2.1.2. Another subsubsection

Text of second subsubsection.

2.2. Lists

Example of list of items:

- first point,
- second point.

Example of enumerated list:

1. first point,
2. second point.

Itemized and enumerated lists can be nested (up to fourth level), list of items can contain enumerated list and inversely

- first level
 - second level
 - third level
 - fourth level
 - third level
 - second level
- first level

1. first level
 - a) second level
 - i. third level
 - A. fourth level
 - ii. third level
 - b) second level
2. first level

1. first level
 - second level
 - a) third level
 - fourth level
 - b) third level
 - second level
2. first level

2.3. Footnotes

In the article you can insert footnotes¹ and you can do it many times.² The contents of the footnotes can be found at the bottom of the page.

2.4. Distinguished parts of text

Some parts of text can be *distinguished*, **bold**, underlined, they can be nested, e.g.: *111111111122222222 3333333 44444444444 33333222222222 1111111111*, but only up to fourth level! Mixes are allowed:

this text is distinguished, bold and underlined.

2.5. Tables

In LaTeX you can also create tables. Here's the example:

Table 1. Example table

longlonglong	longlonglong	longlonglong	longlonglong
short	short	short	short
mediumm	mediumm	mediumm	mediumm

2.6. Placing a source code

The code of method main in MyMainClass should be similar to the following example:

```
public MyMainClass
{
    public static void main(String... args)
    {
        System.out.println("Yekshe mash?");
    }
}
```

2.7. Equations

Placing equations is possible in so called mathematical mode. To do so you have to surround the contents of equation by the signs of dollar (\$). $1 + 1 = 2$

Superscripts and subscripts: $x^y + z_t - w_j^3 / v_j^{2a} + 7s^d$.

Also complex fractions or roots don't make a problem: $\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

You can place a different multidots \cdots , \ddots and other symbols, e.g. :

$\pm \mp \times \div * \star \circ \bullet \cdot \cap \cup \uplus \sqcap \sqcup \vee \wedge \setminus \wr \diamond \triangle \nabla \triangleleft \triangleright \oplus \ominus \otimes \oslash \subset \subseteq \equiv \sim \simeq \neg \perp \parallel \backslash \angle \forall \exists \neg \infty$.

You can make a negation of symbol if it is necessary, e.g. $x \not> y$, totalize and integrate $\sum_{j=i}^M x_j =$

¹ first footnote

² second footnote

$$\int_{-\infty}^0 f(x) = \prod_{k=1}^L y_k.$$

Using some mathematical functions: $\cos \sin \tan \exp \tanh \lim_{n \rightarrow \infty}$.

Some greek symbols: $A\pi\Pi\alpha\beta\gamma\delta\epsilon\eta\zeta\theta\lambda\mu\xi\sigma\phi\varphi\chi\psi\omega\Lambda\Delta\Omega$.

2.8. Figures

Submit your illustrations or pictures in an electronic format (.eps or .pdf) ensuring a high quality and level of detail. Sometimes, in order to place a figure a file figure_name.bb containing figure's size is necessary:

```
%% BoundingBox: 0 0 width_in_pixels height_in_pixels
```

this is a sample image

Figure 1. Caption of picture

2.9. How to make a bibliography

Bibliography has to be placed in a separate .bib file (it is recommended to name it the same as the document with the article .tex). You can place positions from your bibliography by using cite command [3]. Its abbreviation will be put in the text of article and the whole bibliography entry at the end article. If you want to put a position in the References list but not in text, you can use nocite command, but its use is highly discouraged. .

An example of bibliography is in file einfo_sample.bib and includes [3, 4, 8, 5, 6, 7, 10, 9, 11, 2, 12, 13].

You have to place the following two lines at the end of document .tex (but before end{document} command):

```
\bibliography{bibliography_filename}
\bibliographystyle{abbrv}
```

Bibliography filename should not include file extension.

References

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