

Quick start for LaTeXing with IEEEtran.cls for IEEE Computer Society Conferences

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Abstract—Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam lobortis facilisis sem. Nullam nec mi et neque pharetra sollicitudin. Praesent imperdiet mi nec ante. Donec ullamcorper, felis non sodales commodo, lectus velit ultrices augue, a dignissim nibh lectus placerat pede. Vivamus nunc nunc, molestie ut, ultricies vel, semper in, velit. Ut porttitor. Praesent in sapien. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis fringilla tristique neque. Sed interdum libero ut metus. Pellentesque placerat. Nam rutrum augue a leo. Morbi sed elit sit amet ante lobortis sollicitudin. Praesent blandit blandit mauris. Praesent lectus tellus, aliquet aliquam, luctus a, egestas a, turpis. Mauris lacinia lorem sit amet ipsum. Nunc quis urna dictum turpis accumsan semper.

1. Introduction

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The remainder of the paper starts with a presentation of related work (Section 2). It is followed by a presentation of hints on L^AT_EX (Section 3). Based on that, we present some Lorem Ipsum (Section 4). Finally, a conclusion is drawn and outlook on future work is made (Section 5).

2. Related Work



Winery [1] is a graphical modeling tool. The whole idea of TOSCA is explained by Binz et al. [2].

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3. LaTeX Hints

Listing 1 shows a listing typeset using the `lstlisting` environment. `minted` is an alternative package, which enables syntax highlighting using `pygments`. This, in turn, requires Python, so it is disabled by default. In case you load it above, be sure to run `pdflatex` with `-shell-escape` option. Figure 1 shows an XML-Listing. You can point to a single line: line 1. If you do not want to use `minted`, just delete the example listing and this paragraph.

```
public class Hello {
    public static void main (String[] args) {
        System.out.println("Hello_World!");
    }
}
```

Listing 1. Example Listing

Package `minted` was not loaded, so there is no XML code shown.

In case you load `minted`, please be sure to

- a) Have python and pygments installed
 - b) Execute `pdflatex` using `-shell-escape`
- xml <demo> <node> <!-- comment --> || </node> </demo>

Figure 1. XML-Dokument rendered using `minted`

cref Demonstration: Cref at beginning of sentence, cref in all other cases.

Figure 2 shows a simple fact, although Fig. 2 could also show something else. Figure 3 shows an 16x9 image spanning two columns. Figure 4a is the first subfloat, whereas Figure 4b is the second one.

Table 1 shows a simple fact, although Table 1 could also show something else.

Section 1 shows a simple fact, although Section 1 could also show something else.

Brackets work as designed: <test> One can also input backquotes in verbatim text: ``test``.

The symbol for powerset is now correct: \wp and not a Weierstrass p (\wp).

1) All these items... 2) ...appear in one line 3) This is enabled by the `paralist` package.

“something in quotes” using plain tex or use “the `enquote` command”.

You can now write words containing hyphens which are hyphenated (application-specific) at other places. This is enabled by an additional configuration of the `babel` package. In case you write “application-specific”, then the word will only be hyphenated at the dash.

4. Lorem ipsum

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Table 1. SIMPLE TABLE

Heading1	Heading2
One	Two
Thee	Four

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0.8	1.8	2.8	3.8	4.8	5.8	6.8	7.8	8.8	9.8
0.7	1.7	2.7	3.7	4.7	5.7	6.7	7.7	8.7	9.7
0.6	1.6	2.6	3.6	4.6	5.6	6.6	7.6	8.6	9.6
0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5
0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4
0.3	1.3	2.3	3.3	4.3	5.3	6.3	7.3	8.3	9.3
0.2	1.2	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2
0.1	1.1	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1
0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0

Figure 2. Simple Figure. [based on 3]

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5. Conclusion and Outlook

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Acknowledgments

This work received support from the IEEE LaTeX Template.

In the bibliography, use `\textsuperscript` for “st”, “nd”, ...: E.g., “The 2nd conference on examples”. When you use JabRef, you can use the clean up command to achieve that. See <https://help.jabref.org/en/CleanupEntries> for an overview of the cleanup functionality.

References

- [1] O. Kopp *et al.*, “Winery – a modeling tool for TOSCA-based cloud applications,” in *Proceedings of 11th International Conference on Service-Oriented Computing (ICSOC’13)*, ser. LNCS, vol. 8274. Springer Berlin Heidelberg, 2013, pp. 700–704.
- [2] T. Binz, G. Breiter, F. Leymann, and T. Spatzier, “Portable Cloud Services Using TOSCA,” *IEEE Internet Computing*, vol. 16, no. 03, pp. 80–85, May 2012.
- [3] M. Scharer, *The mwe Package*, 2017. [Online]. Available: <http://texdoc.net/mwe>

All links were followed on April 18, 2018.

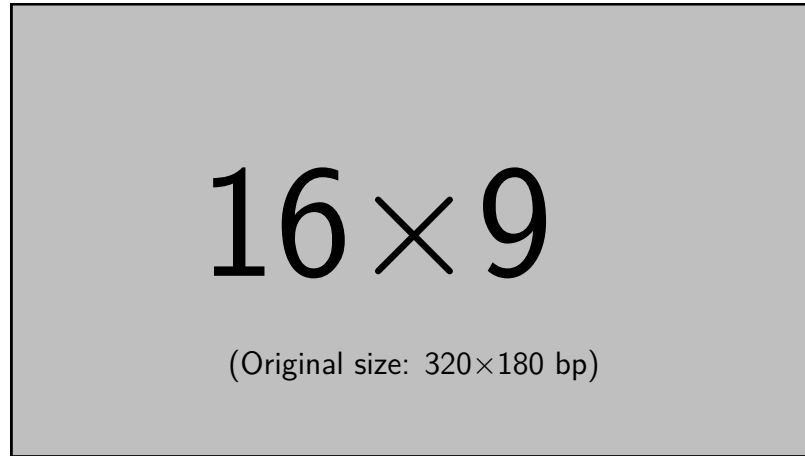
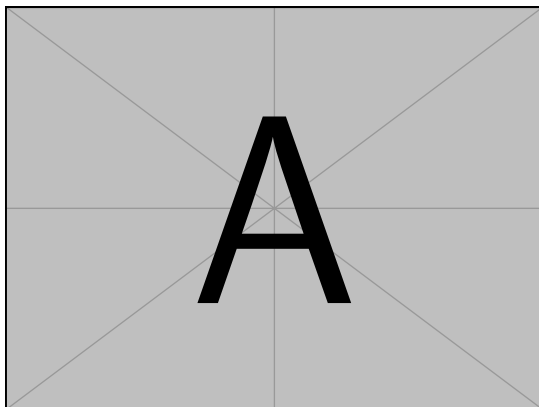
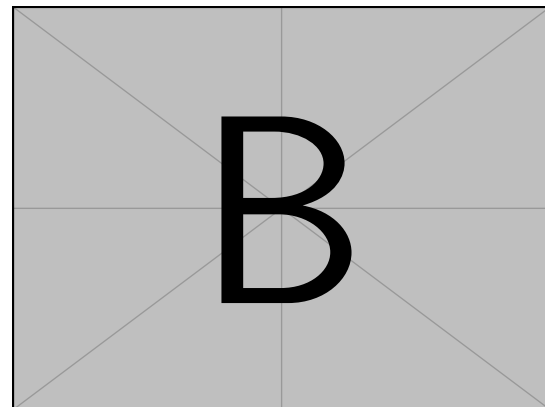


Figure 3. 16x9 Figure



(a) Case I



(b) Case II

Figure 4. Simulation results for the network.