Confluentes Math.
00, 0 (XXXX) 000-000

HOW TO PREPARE DOCUMENTS FOR CONFLUENTES MATHEMATICI

FRANK O. WAGNER AND THIERRY DUMONT

Abstract. This is a template on how to use the CML class to prepare a text for publication in Confluentes Mathematici.
Résumé. (*English translation of your title*) This is for the English translation of your abstract. If you use the option `francais` in the documentclass, theorems etc. will have the corresponding French names, and `Abstract` and `Résumé` are interchanged.

Introduction

"The introduction" should describe the content of the paper in a way as accessible as possible. Please keep in mind that Confluentes Mathematici is a generalist journal.

1. Notations

Environments for theorems (`theo`), propositions (`prop`), conjectures (`conj`), corollaries (`coro`), lemmas (`lemm`), definitions (`defi`), a single remark (`rema`) or several remarks (`remas`), a single example (`exem`) or several examples (`exems`), as well as proofs (`proof`) are predefined. Please use them. Note that the `proof` environment automatically inserts the end-of-proof box.

Definition 1.1. — It is a good idea to emphasize the *notion* to be defined.

Theorem 1.2. — *This is the first theorem.*

Proof. — Obvious. □

Corollary 1.3 (Some text). — *Your environments can have names.*

Sketch of proof. — And proofs can be called something else. □

Examples 1.4. — We have several examples.

(1) A first one.
(2) And a second one.

Remark. — If you want an unnumbered environment, use {`name*`}.

You can also have your own environments, which use the same counter as the predefined environments.

Main Theorem 1.5. — *This environment is obtained by the command* `\begin{enonce}{Main Theorem}...\end{enonce}`

Main Remark. — A new unnumbered environment in the remark or example style is obtained by the command
`\begin{enonce*}[remark]{Main Remark}...\end{enonce*}`

Math. classification: 00-001.
Keywords: Confluentes Mathematici.

Curiosity 1.6. — *If you use an environment several times, you can globally define it just after* `\begin{document}` *by the command*
`\newenvironment{curi}{\begin{enonce}{Curiosity}}{\end{enonce}}`
You can then use it as `\begin{curi}...\end{curi}`

2. Languages

You can use Confluentes Mathematici accepts papers in English, French and German; if your paper is not in English, English translations of the title and abstract should be provided. You should not load the *babel* package, it is pre-loaded. You can use several languages in the same text, switching between them using the commands
`\selectlanguage{english}`
`\selectlanguage{french}`
`\selectlanguage{german}`.

3. Compilation

You will need the files `cedram.cls` and `cedram-CML.clo` which can be downloaded from the Confluentes website. You then have to use `pdflatex` in order to compile.

4. The bibliography

The bibliography should preferaby come as a `bibtex` file under the style `plain` (for papers in English) or `plain-fr` (for papers in French). If you want to do it yourself, please follow the examples of the bibliography below .

Acknowledgements

Acknowledgments, or acknowledgements, should be placed in a final, unnumbered section.

References

[1] A. Euclid. *Elements*, Alexandria Graduate Texts in Maths, 1–5, Alexandria University Press, -300.
[2] E. Galois. *Mémoire sur les conditions de résolubilité des équations par radicaux*, PhD thesis, École Normale Supérieure, 1830.
[3] G. Cantor. Über eine Eigenschaft des Inbegriffs aller reellen algebraischen Zahlen, *J. Reine Angew. Math.*, 77:258–262, 1874.

Manuscript received June 6, 2013,
revised June 7, 2013,
accepted June 7, 2013.

Frank O. WAGNER & Thierry DUMONT
Université de Lyon; CNRS; Université Lyon 1; Institut Camille Jordan UMR5208, 69622 Villeurbanne Cedex, France
wagner@math.univ-lyon1.fr (Corresponding author)
tdumont@math.univ-lyon1.fr