

A Demonstration of the $\LaTeX 2_{\epsilon}$ Class File for *Electronic Workshops in Computing*

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This paper describes the use of the $\LaTeX 2_{\epsilon}$ ewic.cls class file for setting papers for *Electronic Workshops in Computing*.

eWiC, $\LaTeX 2_{\epsilon}$, Class file

1. INTRODUCTION

This paper describes the ewic.cls class file which can be used to convert articles produced with other $\LaTeX 2_{\epsilon}$ class files into the correct form for publication by *Electronic Workshops in Computing*.

The ewic.cls class file preserves much of the standard $\LaTeX 2_{\epsilon}$ interface so that any document which has been produced using the standard $\LaTeX 2_{\epsilon}$ article style can easily be converted to work with the ewic style. However, the width of text and typesize may vary from that of *article*; therefore *line breaks will change* and it is possible that computer listings and displayed mathematics may need resetting.

In the following sections we describe how to lay out your code to use ewic.cls to reproduce the typographical look required for online publication. However, this short paper is not a guide to using $\LaTeX 2_{\epsilon}$ and we would refer you to any of the many books available (see, for example, Mittelbach and Goossens (2004); Kopka and Daly (2004); Lammport (1994)).

1.1. eWiC: Information for Authors

You should also consult *eWiC: Information for Authors* (available from the BCS website) for

important instructions about submission, style and preparation of your paper.

2. GETTING STARTED

Simply place ewic.cls and ewic.tex in your systems usual directories and typeset using your $\LaTeX 2_{\epsilon}$ or pdf \LaTeX command. The ewic class file should run on any standard $\LaTeX 2_{\epsilon}$ installation. If any of the fonts, style files or packages it requires are missing from your installation, they can be found on CTAN or the *TeX Live* CD-ROMs.

eWiC is published using sans serif fonts for the text, hence the default setting of the class file is to use Helvetica which should be easily accessible with most standard $\LaTeX 2_{\epsilon}$ installations. However, should this cause problems with your system there is an option to use Computer Modern sans serif fonts instead: see the example header in the next section.

3. THE ARTICLE HEADER INFORMATION

The heading for any file using ewic.cls is like this:

```
\documentclass{ewic}  
%\documentclass[cm]{ewic}  
  
\begin{document}
```

```
\runningheads{<1st Author's surname
$\bullet$ 2nd Author's surname
$\bullet$ etc>}{<Your paper title>}

\conference{<Proceedings of \dots>}

\title{<Your Paper title>}

\authorone{<A. N. Author>\
<A full postal address>\
\email{<Your email address>}}

\authortwo{<A. N. Authortwo>\
<A full postal address>\
\email{<Your email address>}}
.
.
.
\begin{abstract}
<Abstract text>
\end{abstract}

\keywords{<list keywords>}

\maketitle

\section{Introduction}
```

3.1. Notes

1. Please separate multiple author surnames by a '\$\bullet\$' within the `\runningheads{}{}` command.

2. The class file is set up to handle up to six authors, i.e., `\authorone{}... \authorsix{}`.
3. Note that the required reference style is Harvard. `ewic.cls` uses 'natbib.sty' to achieve the desired output so you will need to choose a natbib compatible .bst that gives Harvard style output. 'chicago.bst' would be a good choice.
4. Try to balance the columns on the final page when your paper is submitted.

That really is all you should need to know to prepare your paper using `ewic.cls`.

You do, of course, have the option to call in any of your favourite packages for setting maths, graphics, computer listings, etc.

REFERENCES

- Kopka, H. and Daly, P.W. (2004) *A Guide to $\LaTeX 2_{\epsilon}$: Document Preparation for Beginners and Advanced Users* (4th edn). Addison-Wesley.
- Lamport L. (1994) *\LaTeX : A Document Preparation System* (2nd edn). Addison-Wesley.
- Mittelbach, F. and Goossens, M., (2004) *The \LaTeX Companion* (2nd edn). Addison-Wesley.