

# Quarterly.cls - A document class for quarterly journals

By Rüdiger Ehlers – Ruediger.Ehlers(-at-)arcor(-dot-)de

## Abstract

`quarterly.cls` is a  $\text{\LaTeX} 2_{\epsilon}$  document class for quarterly journals. The main target group are authors of articles for quarterly journals which use a similar style. This documentation presents the special commands that can be used when using this class and provides a list of required  $\text{\LaTeX} 2_{\epsilon}$  packages for using it. Additionally, it contains a step-by-step introduction on how to use it in conjunction with the `quatererly.bst` Bib $\text{\TeX}$  style file.

## 1. Introduction

`quarterly.cls` is a  $\text{\LaTeX} 2_{\epsilon}$  document class for quarterly journals printed using a paper size of about  $157 \times 233$  mm. It is based on the standard `article` class. Basically, it can be used just like the original `article` class. However, there are no class options (by now).

## 2. Requirements

`quarterly.cls` requires some other  $\text{\LaTeX} 2_{\epsilon}$  packages in order to work:

Package	Version(s) known to work with <code>quarterly.cls</code>
<code>calc</code>	2005/08/06 v4.2
<code>caption</code>	2006/03/21 v3.0j
<code>courier</code>	2005/04/12 PSNFSS-v9.2a
<code>fancyhdr</code>	v3.2
<code>geometry</code>	2002/07/08 v3.2
<code>helvet</code>	2005/04/12 PSNFSS-v9.2a
<code>ifthen</code>	2001/05/26 v1.1c

Please note that currently the `quarterly.cls` class does not check whether a given version of a package is late enough or not. However, version checks will be added to future versions of the class if incompatibilities that cannot be circumvented become known.

### 3. Special commands

There are some special commands that change the appearance of the document. These commands are listed below. Afterwards, a small example using all these commands will be given.

- `\thanksto{text}` - The `\thanksto` command is an alternative to the usual `\thanks` command. It is used before `\begin{document}` and the contents will be placed onto the title page as the last footnote of the preamble. Furthermore, no footnote mark will be generated.
- `\shorttitle{text}` - When using the quarterly style class, the title of the article will be repeated in the headline of every page with an odd number. Due to the fact that a document title can be very long, this command allows the author to supply a shortened version for these headlines.
- `\shortauthor{text}` - When using the quarterly style class, the authors of the article will be repeated in the headline of every page with an even number. Due to the fact an author list can be very long, this command allows the author to supply a shortened version for these headlines.
- `\shorttitle{text}` - Useful for providing a JEL classification of the document, useful only for economics literature. More information about the classification system can be found at [http://www.aeaweb.org/journal/jel\\_class\\_system.html](http://www.aeaweb.org/journal/jel_class_system.html).
- `\keywords{text}` - The keywords provided in the list will be placed below the abstract.
- `\journalissuetop{text}` & `\publisher{text}` - The name of the journal and the issue will be placed onto the top of the first page.
- `\journalissuebottom{text}` - The name of the journal and the issue will also be placed close to the bottom of each page (in small letters).

### 4. Example

```
\documentclass{quarterly}
\usepackage{nathib}
\journalissuetop{\LaTeX{} Quarterly Vol. 1 No 1 (2005)}
\journalissuebottom{\LaTeX{} Quarterly 1 (2005) 1}
\publisher{\LaTeX{} Publishing, Anywhere}

\shorttitle{A short example}
\title{A short example for the quarterly class\}
```

```
for \LaTeXe}
\author{Tyler T. Testing\footnote{Department of Testing,
      University of Testing, tyler@testing.edu}}

\jel{none}
\keywords{example, quarterly journal}
\thanksto{The author of this example text would like to
          thank all the people involved in developing the
          \LaTeX{} document typesetting system.}

\begin{document}
\maketitle
\begin{abstract}
It is well known that examples can clarify the usage of
\LaTeX classes for the user. This document serves this
purpose while providing no useful content for the reader.
\end{abstract}

\section{Introduction}
This is an example. There is absolutely nothing special
about it, except that it contains no useful information
for the reader. However, the user of the class can use it
to get hints about writing documents using this class.

\subsection{About this example}
For completeness, this example also has a bibliography
using the \verb|quarterly| bibliography style. For more
Information about it, please read \cite{Ehlers2006}.

\section{Some text}
This is an example text. This is an example text. This is
an example text. This is an example text.
[...]
This is an example text. This is an example text. This is
an example text. This is an example text.

\bibliographystyle{quarterly}
\bibliography{refs}

\end{document}
```

## 5. Step-by-step instructions for using this class file in a new document

For simplicity, we assume that you do not install the `quarterly.cls` class files somewhere on your computer but rather add local copies of it to all documents you are using it for.

Steps:

1. Create a new directory for the manuscript
2. Copy the files `quarterly.cls` and `quarterly.bst` into the newly created directory.
3. Create a bibliography file for your references and give it some meaningful name, like for example `refs.bib`. For the start, you can take some bibliography file from the examples provided in this packages.
4. Create a master document for your paper, e. g., call it `paper.tex` and paste the text given in the example above.
5. Try compiling your paper for the first time, i. e., on the terminal/command line, switch to the directory you put your manuscript in and run:

- `pdflatex paper.tex`
- `bibtex paper`
- `pdflatex paper.tex`
- `pdflatex paper.tex`

or perform the equivalent operations in your  $\text{\TeX}$ -editor. After that, the document is ready to be edited. If the  $\text{\LaTeX}$  interpreter complains about missing files, please install its respective packages.

The steps given above are equivalent to the normal procedure of setting up a  $\text{\TeX}$  document, with the exception that you need to copy both the `quarterly.cls` and `quarterly.bst` files into the directory of your document. You can also put these files into a different directory but are then required to specify their relative path in your documents.

## 6. Useful hints

There is a package named **crop** that provides useful functions for printing documents made using the `quarterly` class. It can be used to print the document onto larger pages (e.g. A4) for previewing purposes. For doing so, simply add the following line to the document (below the `\documentclass` instruction):

```
\usepackage[a4,frame,pdflatex,center]{crop}
```

It is also recommended to use the `quarterly` bibliography style in conjunction with the `natbib` package. For more information on the `quarterly` bibliography style, the reader is referred to Ehlers (2006).

For editing the bibliography file, a user-friendly tool like for example *JabRef* (<http://jabref.fs.net>) can be used.

## References

Ehlers, R. (2006): Quarterly.bst - A BibTEX bibliography style for quarterly journals.