The IridiaTrCover package for {\LaTeX}:
How to typeset documents for the
IRIDIA – Technical Report Series

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IRIDIA – Technical Report Series
TR/IRIDIA/2005-006
April 2005
The **IridiaTrCover** package for **\LaTeX**:

How to typeset documents for the
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December 2005

**Abstract**

**IridiaTrCover** is a **\LaTeX** package for pre-appending to a document the cover of the Technical Report series of IRIDIA.

The **IridiaTrCover** package redefines the command **\maketitle** so that, before printing the standard title and author information, it generates a cover page.

The command **\maketitle** should be issued with some parameters:

```
\maketitle[title={TITLE},author={AUTHOR},date={DATE},number={NUMBER}]
```

Please notice that the argument of **\maketitle** are given in square brackets. Some, or all, of such arguments might be missing. If no argument is given, the square brackets are not necessary. If an argument is missing, some sensible, and sometimes reasonable, default value is used.

A further parameter **published** can be given, for adding a line at the bottom of the cover page indicating if and where the technical report has been published or submitted for publication.

The package has been tested with the **article** and **report** document class and with different font sizes. If the option **twoside** is used, the page after the cover contains the address of Iridia, a legal disclaimer, and other informations. Please notice that you **must always** use the **twoside** option when preparing a technical report for the IRIDIA – Technical Report Series.

**Installation**

Just drop the files **IridiaTrCover.sty IridiaTrCover.eps** somewhere in your **\TeX** tree. On my debian machine, I’ve placed them in the directory: `~/texmf/tex/iridia`

**Examples**

In the following example, all parameters are explicitly given.

```
\maketitle[%
  title={The \texttt{IridiaTrCover} package for \LaTeX{}},
  author={Mauro \textsc{Birattari}},
  date={April 2005},
  number={2005-006},
  published={Published in}
  \emph{The International Journal of Covers}}, vol.¨1, no.¨1})
```
Please notice that the number is composed by the year and by a progressive number separated by
an hyphen. The progressive number has 3 digits and is possibly left-padded with zeros: \texttt{2005-006}
and not \texttt{2005-6}.

In the following, author and title are not given: the arguments given to the commands \texttt{\author}
and \texttt{\title} will be used instead.

\texttt{\maketitle[}
\texttt{number={2005-006},}
\texttt{date={April\ 2005}]}\texttt{]

You can add the parameter \texttt{headings} (without any value) for having some standard headings on
each page containing the number of teh technical report:

\texttt{\maketitle[}
\texttt{number={2005-006},}
\texttt{date={April\ 2005},}
\texttt{headings}]

If the technical report is a \textit{revision} of a previous report, the parameters \texttt{number} and \texttt{date}
should have the same values as in the original report. You should pass to \texttt{\maketitle} the date of
the current revision using the parameter \texttt{revdate}. You should also give the \textit{revision history} using the
parameter \texttt{history}. The following example should clarify the syntax:

\texttt{\maketitle[}
\texttt{number={2005-006},}
\texttt{date={April\ 2005},}
\texttt{revdate={February\ 2006}},
\texttt{history=\{}
\texttt{2005-006.001 &April\ 2005\}\}
\texttt{2005-006.002 &October\ 2005\}\}
\texttt{2005-006.003 &December\ 2005\}\}
\texttt{2005-006.004 &February\ 2006}]

In this example, the date of the technical report is still the date of the first and original version,
that is \texttt{April\ 2005}. The date of the current revision is \texttt{February\ 2006}. The history starts from
the original version (revision 001), and gives revision number and date of all revisions, up to the
current one. Please note that numbers and dates in the history are separated by se sign & and that
all lines but the last terminates with the newline sign \.\ Please notice that the revision number
is given with 3 digits and is possibly left-padded with zeros: \texttt{2005-006.004} and not \texttt{2005-006.4}.
Further, a dot is used to separate the revision number from the previous digits.

You can add the parameter \texttt{dry} (without any value) for preventing the generation of the cover
page.

You can add the parameter \texttt{notitle} (without any value) for preventing the generation of the title.
This is useful when you wish to generate an \textit{empty} technical report, that is, just a coverpage to
be then added to a previously prepared document.

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This is useful when you wish to generate an \textit{empty} technical report, that is, just a coverpage to
be then added to a previously prepared document.

The commands \texttt{\makecover} and \texttt{\makestandardtitle} have been defined for handling pathological
documentclasses. The command \texttt{\makecover} takes the same arguments as \texttt{\maketitle}. See above
for a description. It generates just the coverpage and the copyright page if the option \texttt{twoside}
is used. The command \texttt{\makestandardtitle} is the standard \texttt{\maketitle} (as before being redefined
by the the IridiaTrCover package. The fagment
\begin{document}
\maketitle
\begin{document}
\maketitle

Please use \makecover\dots whenever possible! Use the pair of commands \makecover and \makestandardtitle only when it is strictly needed.

Have a look at this document (IridiaTr2005-006r003.tex) for a living example.

The last version of the package IridiaTrCover can be found at the web page: