Cross-referencing technical Documents with

crossreference

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Abstract

This is the instruction manual for using crossreference.

1 Introduction

This package allows authors to maintain a crossreference section in technical documents easily and efficiently without having to worry about reordering, removing or otherwise altering the crossreference numbers because they are automatically generated.

This package was originally designed to maintain the crossreference section of software requirements document and a software design document.

2 Documentation Driver

This code will generate the documentation. Since it is the first piece of code in this file, the documentation can obtained by simply processing this file with \LaTeX\2e

\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{crossreference}[\filedate\space\fileversion\space
Crossreferencing for technical documents (V. Filby)]

3 User Interface

This section defines everything that an average user should know.

\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{crossreference}[\filedate\space\fileversion\space
Crossreferencing for technical documents (V. Filby)]
\newcounter{xref}
The command \crossreferences will print out the crossreference table. The format is simple and uses the "list of figures" table of contents style. You can change the format of the table by changing this macro. If you choose to use a tabular format you will have to change the output lines to include &'s.

\newcommand{\crossreferences}
\if@twocolumn
\@restonecoltrue\onecolumn
\else
\@restonecolfalse
\fi
\@starttoc{xref}
\if@restonecol\twocolumn\fi
\}

The command \addxref will add a line to the crossreference table containing the number, label and section label.

\newcommand{\addxref}[1]{%
\protected@write{\@auxout}{}{\protect\@writefile{xref}{
\string\contentsline{figure}{\string\numberline {\thexref}{\string\ignorespaces{#1}}}{\@currentlabel}
\xreflabel{#1}
\stepcounter{xref}
}}

The command \xref can be used to refer to an item that has been added to the crossreference table.

\newcommand{\xref}[1]{~[REF \pageref{#1}]}

4 Definitions
This section contains the internal counters and macros that are used to keep track of the crossreference labels.
This is a sample document to show how to use the crossreference system when you unpacked the dtx it should have generated this file called xrefexample.tex

5 Example Document

This is a sample document to show how to use the crossreference system when you unpacked the dtx it should have generated this file called xrefexample.tex
101 \end{document}
102 \endinput
103 (/example)