# Upgrading from the glossary package to the glossaries package

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This document is also available as HTML (glossary2glossaries.html).

The purpose of this document is to provide advice if you want to convert a LATEX document from using the obsolete glossary package to the replacement glossaries package. The final version of the glossary package is 2.4 (2006-07-20). It was made obsolete after the release of glossaries v1.0 (2007-05-16).

For the main glossaries user guide, see glossaries-user.pdf.

texdoc glossaries-user

>\_

For a shorter guide for beginners, see glossariesbegin.pdf.

texdoc glossariesbegin

>\_

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## 1 Why the Need for a New Package?

The glossary package started out as an example in a tutorial, but I decided that I may as well package it up and upload it to CTAN. Unfortunately it was fairly rigid and unable to adapt well to the wide variation in glossary styles. Users began making requests for enhancements, but with each enhancement the code became more complicated and bugs crept in. Each fix in one place seemed to cause another problem elsewhere. In the end, it was taking up too much of my time to maintain, so I decided to replace it with a much better designed package. With the new glossaries package:

- you can define irregular plurals;
- glossary terms can have an associated symbol in addition to the name and description;
- new glossary styles are much easier to design;
- you can add dictionaries to supply translations for the fixed names used in headings and by some of the glossary styles;
- you can choose between using makeindex or xindy to sort the glossary. Using xindy means that:
  - there is much better support for terms containing accented or non-Latin characters;
  - there is support for non-standard location numbers;

(Additional indexing options have since been added. See the "Indexing Options" section of the glossaries user manual.)

- you don't need to remember to escape makeindex's special characters as this is done
  internally;
- hierarchical entries and homographs are supported (as from v1.17);
- there is better support for cross-referencing glossary entries;
- acronyms are just another glossary term which helps to maintain consistency;
- different acronym styles are supported.

#### 2 Package Options

When converting a document that currently uses the obsolete glossary package to the replacement glossaries package, it should be fairly obvious that the first thing you need to do is replace \usepackage{glossary} with \usepackage{glossaries}, however some of the package options are different, so you may need to change those as well. Table 1 shows the mappings from the glossary to the glossaries package options.

## 3 Defining new glossary types

If you have created new glossary types, you will need to replace all instances of

```
\label{eq:lossary.sty} $$ \newglossarytype[\langle log-ext\rangle] {\langle type\rangle} {\langle out-ext\rangle} {\langle in-ext\rangle} [\langle old\ style\ list\rangle] $$ \\ \newcommand{\langle type\rangle} name} {\langle title\rangle} $$
```

with

```
\label{eq:lossaries.sty} $$ \newglossary [\langle log-ext\rangle] {\langle type\rangle} {\langle out-ext\rangle} {\langle in-ext\rangle} {\langle title\rangle} $$
```

in the preamble, and, if the new glossary requires a different style to the main (default) glossary, you will also need to put

immediately before the glossary is displayed, or you can specify the style when you display the glossary using \printglossary (see below).

Table 1: Mappings from glossary to glossaries package options

glossary option	glossaries option
style=list	style=list
style=altlist	style=altlist
style=long,header=none,border=none,cols=2	style=long
style=long,header=plain,border=none,cols=2	style=longheader
style=long,header=none,border=plain,cols=2	style=longborder
style=long,header=plain,border=plain,cols=2	style=longheaderborder
style=long,header=none,border=none,cols=3	style=long3col
style=long,header=plain,border=none,cols=3	style=long3colheader
style=long,header=none,border=plain,cols=3	style=long3colborder
style=long,header=plain,border=plain,cols=3	style=long3colheaderborder
style=super,header=none,border=none,cols=2	style= <b>super</b>
style=super,header=plain,border=none,cols=2	style=superheader
style=super,header=none,border=plain,cols=2	style=superborder
style=super,header=plain,border=plain,cols=2	style=superheaderborder
style=super,header=none,border=none,cols=3	style=super3col
style=super,header=plain,border=none,cols=3	style=super3colheader
style=super,header=none,border=plain,cols=3	style=super3colborder
style=super,header=plain,border=plain,cols=3	style=super3colheaderborder
number=none	nonumberlist
number= $\langle counter\ name \rangle$	counter= $\langle counter\ name \rangle$
toc	toc
hypertoc	toc
hyper	no corresponding option
section=true	section
section=false	no corresponding option
acronym	acronym
global	no corresponding option

The  $\langle old \ style \ list \rangle$  optional argument can be converted to  $\langle new \ style \rangle$  using the same mapping given in Table 1.

For example, if your document contains the following:

```
\newglossarytype[nlg]{notation}{not}{ntn}
[style=long, header]
\newcommand{\notationname}{Index of Notation}
```

You will need to replace the above two lines with:

```
\newglossary[nlg]{notation}{not}{ntn} {Index of Notation}
```

in the preamble and set the style to longheader with

```
\setglossarystyle{longheader} glossaries.sty
```

prior to displaying this glossary. Alternatively, you can specify the style using style package option (which makes it the default style) or the style key in the optional argument of \printglossary. For example:

```
\printglossary[type=notation, style=longheader]
```

Note that the glossary title is no longer specified using  $\glossary-type\$ name (except for  $\glossary$ name and  $\acronymname$ ) but is instead specified in the  $\langle title \rangle$  argument of  $\newglossary$ . The short title which is specified in the glossary package by the command  $\slossary-type\$ name is now specified using the tottitle key in the optional argument to  $\printglossary$ .

## 4 \make\langle glossary-type \rangle

All instances of  $\mbox{\mbox{$\mbox{$make}$}\slose{$\mbox{$glossary-type}$}}$  (e.g.  $\mbox{\mbox{$\mbox{$makeglossary}$ and $\mbox{$\mbox{$makeacronym}$}}$ ) should be replaced by the single command  $\mbox{\mbox{$\mbox{$makeglossaries}$}}$ . For example, if your document contained the following:

```
\makeglossary
\makeacronym
```

then you should replace both lines with the single line:

glossaries.sty

\makeglossaries

## 5 Storing glossary information

With the old glossary package you could optionally store glossary information for later use, or you could simply use \glossary whenever you wanted to add information to the glossary. With the new glossaries package, the latter option is no longer available. (This is mainly because having a key value list in \glossary caused problems, but it also helps consistency.) If you have stored all the glossary information using \storeglosentry, then you will need to convert these commands into the equivalent \newglossaryentry. If you have only used \glossary, then see §6.4.

Substitute all instances of

```
\label{list} $$ \storeglosentry{\langle label\rangle} {\langle key=value\ list\rangle} $$ with $$ glossaries.sty $$ \newglossaryentry{\langle label\rangle} {\langle key=value\ list\rangle} $$
```

This should be fairly easy to do using the search and replace facility in your editor (but see notes below).

If you have used the optional argument of \storeglosentry (i.e. you have multiple glossaries) then you will need to substitute

```
\label{list} $$ \storeglosentry[\langle gls-type\rangle] {\langle label\rangle} {\langle key=value\ list\rangle} $$ with $$ glossaries.sty $$ \newglossaryentry{\langle label\rangle} {\langle key=value\ list\rangle, type={\langle gls-type\rangle}} $$
```

The glossary entry information  $\langle key=value\ list \rangle$  may also need changing. If  $\langle key=value\ list \rangle$  contains any of makeindex's special characters (i.e. @! "or|) then they should no longer be escaped with "since the glossaries package deals with these characters internally. For example, if your document contains the following:

glossary.sty

```
\storeglosentry{card}{name={$"|\mathcal{S}"|$},
description={The cardinality of the set $\mathcal{S}}
$}}
```

then you will need to replace it with:

glossaries.sty

```
\newglossaryentry{card}{name={$|\mathbb{S}|$},
description={The cardinality of the set $\mathcal{S}|$}}
```

The number key available in \storeglosentry should be replaced with the counter key in \newglossaryentry. The sort key in \storeglosentry is also called sort in \newglossaryentry.

The \storeglosentry format key doesn't have a counterpart in \newglossary-entry. You can, however, specify the format in the optional argument of commands like \gls or \glsadd or you can change the default format by redefining \glsnumber-format.

#### 6 Adding an entry to the glossary

The glossary package provided two basic means to add information to the glossary: firstly, the term was defined using \storeglosentry and the entries for that term were added using \useglosentry, \useGlosentry and \gls. Secondly, the term was added to the glossary using \glossary. This second approach is unavailable with the glossaries package, since all entries must be defined before they can be indexed.

## 6.1 \useglosentry

The glossary package allows you to add information to the glossary for a predefined term without producing any text in the document using

glossary.sty

```
\useqlosentry[\langle old options \rangle] \{ \langle label \rangle \}
```

Any occurrences of this command will need to be replaced with

glossaries.sty

```
\glsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandglsandgls
```

The format key in  $\langle old\ options \rangle$  is also called format in  $\langle new\ options \rangle$ . However the number =  $\{\langle counter-name \rangle\}$  key in  $\langle old\ options \rangle$  should be replaced with counter =

 $\langle counter-name \rangle$  in  $\langle new \ options \rangle$ .

#### 6.2 \useGlosentry

The glossary package allows you to add information to the glossary for a predefined term with the given text using

```
\label{losentry} $$ \useGlosentry [$\langle old\ options \rangle$] {$\langle label \rangle$} {\langle text \rangle$} $$
```

Any occurrences of this command will need to be replaced with

```
\label{link} $$ \gcd[\langle new\ options \rangle] $$ {\langle label \rangle} $$ {\langle text \rangle} $$
```

The mapping from  $\langle old\ options \rangle$  to  $\langle new\ options \rangle$  is the same as that given §6.1.

#### 6.3 \gls

The glossary defines:

```
\label{eq:continuous} $$ \glossary.sty $$ \glossary.sty $$ \glossary.sty $$
```

The glossaries package defines a command with the same name, but be aware that it has a final optional argument:

```
\label{eq:constant} $$ \gls (glossaries.sty) [\langle options \rangle] {\langle label \rangle} [\langle insert \rangle] $$
```

In this case, the only thing you need to change is the number key in the optional argument to counter. The  $\langle insert \rangle$  optional argument in the new form of  $\gls$  can be used to insert text into the automatically generated text, which will put it inside the hyperlink (if hyperlinks are supported).

## 6.4 \glossary

When using the glossaries package, you should not use \glossary. This is because the appropriate indexing syntax (including escaping any of makeindex's or xindy's special characters) is generated when the entry is defined. This reduces overall complexity as it no longer needs to be performed every time an entry is indexed. By placing the glossary definitions within the preamble, it also reduces the chance that the indexing special character may have their category code changed, which can cause interference.

If, with the old package, you have opted to explicitly use \glossary instead of storing the glossary information with \storeglosentry, then converting from glossary to glossaries will be more time-consuming, although in the end, I hope you will see the benefits. From the user's point of view, using \glossary throughout the document is time consuming, and if you use it more than once for the same term, there's a chance extra spaces may creep in which will cause makeindex to treat the two entries as different terms, even though they look the same in the document. If you have used \glossary with the old glossary package, you will instead need to define the relevant glossary terms using \newglossaryentry and reference the terms using \glsadd, \glslink, \gls etc.

If you don't like the idea of continually scrolling back to the preamble to type all your \new-glossaryentry commands, you may prefer to create a new file, in which to store all these commands, and then input that file in your document's preamble. Most text editors and front-ends allow you to have multiple files open, and you can tab back and forth between them.

#### 7 Acronyms

In the glossary package, acronyms were treated differently to glossary entries. This resulted in inconsistencies and sprawling unmaintainable code. The new glossaries package treats acronyms in exactly the same way as normal glossary terms.

Both packages provide \newacronym, but the syntax is different. With the glossary package, the syntax is:

```
\label{eq:conym} $$ \end{argus} $$
```

With the glossaries package, the default definition of:

is a shortcut for:

```
\newglossaryentry{\langle label \rangle}{type=\acronymtype, name={\langle abbrv \rangle}, description={\langle long \rangle}, text={\langle abbrv \rangle}, first={\langle long \rangle (\langle abbrv \rangle)}, plural={\langle abbrv \rangles}, firstplural={\langle long \rangles (\langle abbrv \rangles)},
```

```
\langle options \rangle }
```

(Note that this shortcut default is an older method of defining acronyms. If you use \setacronymstyle introduced to glossaries v4.02, then a more flexible method is adopted.)

This is different to the glossary package which set the name key to  $\langle long \rangle$  ( $\langle abbrv \rangle$ ) and allowed you to set a description using the description key. If you still want to do this, you can use one of the description styles, such as long-short-desc, and use the description key in the optional argument of  $\newarphi$ newarphym.

For example, if your document originally had the following:

```
\newacronym{SVM}{Support Vector Machine}{description
={Statistical
  pattern recognition technique}}
```

Then you would need to first set the style:

glossaries.sty

```
\setacronymstyle{long-short-desc}
```

and change the acronym definition to:

```
\newacronym[description=
{Statistical pattern recognition
technique}]{svm}{SVM}{Support Vector Machine}
```

You can then reference the acronym using any of the new referencing commands, such as \gls or \glsadd.

With the old glossary package, when you defined an acronym, it also defined a command  $\ \langle acr-name \rangle$  which could be used to display the acronym in the text. So the above SVM example would create the command  $\SVM$  with the old package. In the new glossaries package, the acronyms are just another type of glossary entry, so they are displayed using  $\gls \{\langle label \rangle\}$ . Therefore, in the above example, you will also need to replace all occurrences of  $\SVM$  with  $\gls \{ svm \}$ .

If you have used  $\useacronym$  instead of  $\acksim (acr-name)$ , then you will need to replace all occurrences of

with

```
\label{label} $$ \gls {\langle label \rangle} [\langle insert \rangle] $$
```

Note that the starred versions of \useacronym and \ $\langle acr-name \rangle$  (which make the first letter uppercase) should be replaced with \Gls{ $\langle label \rangle$ }.

Alternatively (as from v1.18 of the glossaries package), you can use  $\old acronym$  which uses the same syntax as the old glossary package's  $\newacronym$  and also defines  $\ackslash acronym$  and also defines  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and also defines  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and also defines  $\ackslash acronym$  are package's  $\ackslash acronym$  and  $\ackslash acronym$  are  $\ackslash acronym$  and  $\ackslash acronym$  and  $\ackslash acronym$  are  $\ackslash acronym$  are  $\ackslash acr$ 

```
\newacronym{SVM}{Support Vector Machine}{description = {Statistical pattern recognition technique}}
```

then you can change this to:

```
\oldacronym{SVM}{Support Vector Machine}{description} = {Statistical pattern recognition technique}}
```

You can then continue to use \SVM. However, remember that LATEX generally ignores spaces after command names that consist of alphabetical characters. You will therefore need to force a space after  $\arrangle$  unless you also load the xspace package. (See the "Acronyms" of the glossaries documentation for further details.) Note that  $\arrangle$  uses its first argument to define the acronym's label (as used by commands like  $\gls$ ), so in the above example, with the new glossaries package,  $\slnet$  becomes a shortcut for  $\gls$  (SVM) and  $\slnet$  becomes a shortcut for  $\gls$  (SVM).

#### 7.1 \acrln and \acrsh

In the glossary package, it is possible to produce the long and short forms of an acronym without adding an entry to the glossary using \acrln and \acrsh. With the glossaries package (provided you defined the acronym using \newacronym or \oldacronym and provided you haven't redefined \newacronym) you can replace

```
\label{eq:continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous
```

and you can replace

```
\label{eq:continuous} $$ \acrln{\langle acr-name \rangle} $$ with $$ \acrlong{\langle label \rangle} $$
```

The glossaries package also provides the related commands \acrshortpl (plural short form) and \acrlongpl (plural long form) as well as upper case variations. If you use the glossaries "shortcuts" package option, you can use \acs in place of \acrshort and \acl in place of \acrshort and \acl

See the "Acronyms" of the glossaries manual for further details of how to use these commands.

#### 7.2 \ifacronymfirstuse

The glossary package command

can be replaced by the glossaries command:

Note that \ifglsused evaluates the opposite condition to that of \ifacronymfirst-use which is why the last two arguments have been reversed.

## 7.3 \resetacronym and \unsetacronym

The glossary package allows you to reset and unset the acronym flag which is used to determine whether the acronym has been used in the document. The glossaries package also provides a means to do this on either a local or a global level. To reset an acronym, you will need to replace:

```
\label{eq:conym} $$ \ensuremath{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}{\mbox{\colored}}{\mbox{\colored}}{\mbox{\colored}}{\mbox{\colored}}{\mbox{\colored}}{\mbox{\colored}}{\mbox{\colored}}{\mbox{\colored}}{\mbox{\colored}}{\mbox{\colored}}}}}}}}}}}}}}}}}}}}
```

with either

```
glossaries.sty
   \glsreset{\langle label \rangle}
or
                                                                             glossaries.sty
   \glslocalreset{\langle label\rangle}
  To unset an acronym, you will need to replace:
                                                                               glossary.sty
   \unsetacronym{\langle acr-name \rangle}
with either
                                                                             glossaries.sty
   \gluon \{ \langle label \rangle \}
or
                                                                             glossaries.sty
   \gluon glslocalunset {\langle label \rangle}
  To reset all acronyms, you will need to replace:
                                                                               glossary.sty
   \resetallacronyms
with
                                                                             glossaries.sty
   \glsresetall[\acronymtype]
or
                                                                             glossaries.sty
   \glslocalresetall[\acronymtype]
To unset all acronyms, you will need to replace:
                                                                               glossary.sty
   \unsetallacronyms
with
```

```
\displaysetall[\acronymtype]

or

glossaries.sty

glossaries.sty

\displaysetall[\acronymtype]
```

#### 8 Displaying the glossary

The glossary package provides the command \printglossary (or \print $\langle type \rangle$  for other glossary types) which can be used to print individual glossaries. The glossaries package provides the command \printglossaries which will print all the glossaries which have been defined, or \printglossary (glossaries.sty) [ $\langle options \rangle$ ] to print individual glossaries. So if you just have \printglossary, then you can leave it as it is, but if you have, say:

```
\printglossary \printglossary [acronym]

or

\text{glossary.sty}
\printglossary
\printacronym*

then you will need to replace this with either

\text{glossaries.sty}
\printglossaries

or

\text{glossaries.sty}
\printglossary
\printglossary [type=\acronymtype]
```

The glossary package allows you to specify a short title (for the table of contents and page header) by defining a command of the form \short\glossary-type\name. The glossaries package doesn't do this, but instead provides the toctitle key which can be used in the optional argument to \printglossary. For example, if you have created a new glossary type called notation, and you had defined

glossary.sty

\newcommand{\shortnotationname}{Notation}

then you would need to use the toctitle key:

glossaries.sty

\printglossary[type=notation, toctitle=Notation]

The glossaries package will ignore \shortnotationname, so unless you have used it elsewhere in the document, you may as well remove the definition.

#### 9 Processing Your Document

If you convert your document from using the glossary package to the glossaries package, you will need to delete any of the additional files, such as the glo file, that were created by the glossary package, as the glossaries package uses a different format. Remember also, that if you used the makeglos Perl script, you will need to use the makeglossaries Perl script instead. As from v1.17, the glossaries package can be used with either makeindex or xindy. Since xindy was designed to be multilingual, the new glossaries package is a much better option for non-English documents. If you use the extension package, glossaries—extra, then you also have the option of using bib2gls instead (which also provides multilingual support).

For further information on using makeglossaries, makeindex or xindy to create your glossaries, see the "Generating the Associated Glossary Files" section of the glossaries documentation.

## 10 Troubleshooting

Please check the FAQ<sup>1</sup> for the glossaries package if you have any problems.

#### **Symbols**

Symbol	Description
>_	A command-line application invocation that needs to be entered into a terminal or command prompt.

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dickimaw-books.com/faqs/glossariesfaq.html

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