

# Sample Document Using the glossaries Package

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# Chapter 1

## Introduction

A [glossary](#) (definition 1, plural [glossaries](#)) is a very useful addition to any technical document, although a [glossary](#) (definition 2, plural [glossaries](#)) can also simply be a collection of glosses, which is another thing entirely. Some documents have multiple [glossaries](#).

Once you have run your document through L<sup>A</sup>T<sub>E</sub>X, you will then need to run the `.glo` file through `makeindex` (default) or `xindy`. You will need to set the output file so that the indexing application creates a `.gls` file instead of an `.ind` file, and change the name of the log file so that it doesn't overwrite the index log file (if you have an index for your document). Rather than having to remember all the command line switches, you can call the Perl script `makeglossaries` which provides a convenient wrapper. See [Incorporating makeglossaries or makeglossaries-lite or bib2gls into the document build](#) for help.

If a comma appears within the name or description, grouping must be used, e.g. in the description of [page list](#). Be careful about [spurious spaces](#) appearing in your code.

## Chapter 2

# Plurals and Paragraphs

Plurals are assumed to have the letter “s” appended, but if this is not the case, as in **matrices**, then you need to specify the plural when you define the entry. If a term may have multiple plurals (for example **cows/kine**) then define the entry with the plural form most likely to be used. The alternative can simply be referenced with `\glslink` (e.g. **kine**) or `\glsdisp` (e.g. **kine**). Another option is to save the alternative plural in another key. In this case, the “user1” key has been used, but a custom key can be defined instead.

**Seals** and **sea lions** have regular plural forms.

**Bravo** is a homograph, but the plural forms are spelt differently. The plural of **bravo**, a cry of approval (definition 1), is **bravos**, whereas the plural of **bravo**, a hired ruffian or killer (definition 2), is **bravoes**.

**Paragraphs** can cause a problem in commands, so care is needed when having a paragraph break in a **glossary** entry.

## Chapter 3

# Ordering

There are two types of ordering: word ordering (which places “sea lion” before “seal”) and letter ordering (which places “seal” before “sea lion”).

# Glossary

## B

**bravo** [2](#)

- 1) cry of approval (pl. bravos). [2](#)
- 2) hired ruffian or killer (pl. bravoos). [2](#)

## C

**cow** (*pl. cows, archaic kine*) an adult female of any bovine animal. [2](#)

## G

**glossary**

- 1) list of technical words. [1](#), [2](#)
- 2) collection of glosses. [1](#)

## M

**matrix** rectangular array of quantities. [2](#)

## P

**page list** a list of individual pages or page ranges (e.g. 1,2,4,7-9). [1](#)

**paragraph** distinct section of a piece of writing.

Beginning on new, usually indented, line [2](#)

**Perl** A scripting language. [1](#)

## S

**sea lion** large seal. [2](#), [3](#)

**seal** sea mammal with flippers that eats fish. [2](#), [3](#)

**space, spurious** unwanted spaces accidentally introduced by uncommented line breaks or attempts to pretty-print the L<sup>A</sup>T<sub>E</sub>X code. [1](#)