

The gb4e-next package

Alan Munn

Department of Linguistics, Languages, and Cultures
Michigan State University
amunn@msu.edu

Version 0.5
October 27, 2024

Abstract

This package provides relative example referencing commands `\Next` and `\Prev` to `gb4e` users.

1 Package usage

Usage of the package is simple: simply load it alongside `gb4e`. The commands `\Next` which refers to the next example in the text and `\Prev` which refers to the previous example in the text, will then be made available.

1.1 Package options

The package has a single key-value option `fn` to specify the default format for the commands when used inside a footnote. The `gb4e` package defaults to arabic numbering of examples in footnotes unless the `{xlisti}` environment is explicitly used. Since the package can't know this, you need to specify the default format for relative reference inside a footnote. Possible values are `arabic` (default), `roman`, `Roman`, `alph`, and `Alph`. The most likely choice in most cases will be either the default or `roman`.

1.2 Package commands

The package provides two commands: `\Next[<format>]` which refers to the next example and `\Prev[<format>]` which refers to the previous example. The optional `[<format>]` argument allows you to specify a specific format for the number. Possible values are `arabic`, `roman`, `Roman`, `alph`, and `Alph`. The most likely choice in most cases will be either the default or `roman`. If you have specified a format for the `fn` option, this will be used automatically, so there will usually be no need for the optional argument.

2 Example

Here's an example of how to use the package:

```
\documentclass{article}
\usepackage{gb4e}
\usepackage[fn=roman]{gb4e-next}
\begin{document}
This is the reference to example \Next.
\begin{exe}
\ex An example
\end{exe}

This is reference to example \Next.

\begin{exe}
\ex Another example
\end{exe}
This contains a footnote\footnote{This is a footnote with an example. We can refer to it
as \Next. \begin{xlisti}\ex A footnote example\end{xlisti}} And this is a reference to
the previous example: \Prev
\end{document}
```

3 Bugs and support

This is *experimental* and has not been extensively tested. Use at your own risk. You're welcome to raise issues at the [GitHub repository](#), however.

4 Version history

This is the initial version of the package (0.5).