The **selective** package

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1 Introduction

The selective package permits to tag pieces of LaTeX code, so that they can selectively be included or excluded according to a set of currently active tags.

2 Internals

2.1 Installation

A standard `selective.ins` file is provided in the package distribution.

2.2 Implementation

2.2.1 Dependencies

```
1 \RequirePackage{eclectex/lists}
2 \RequirePackage{environ}
3 \RequirePackage{pgffor}
```

2.2.2 Commands

Define current list of tags.

```
4 \def\selective@tags{}
```

Define a few handy conditionals.

```
5 \newif\if@body@tags@found
6 \newif\if@selective@tag@found
```

Expects a list a1,a2,a3,...,b1,b2,b3,...,...,c1,c2,c3,... Interpreted as a conjunction (AND) of the different disjunctions (OR).

```
7 \NewEnviron{selective}[1]
8   {\def\tagConjunctions{#1}%
9    \@body@tags@foundtrue%
10   \foreach \tagDisjuction in \tagConjunctions
11     {\@selective@tag@foundfalse%
12      \foreach \activeTag in \selective@tags
13        {\foreach \bodyTag in \tagDisjuction
14            {\ifdefstrequal{\activeTag}{\bodyTag}
```

```
15              {\global\@selective@tag@foundtrue\breakforeach}{}}}%
16          \if@selective@tag@found\else%
17            \global\@body@tags@foundfalse\breakforeach%
18          \fi}%
19        \if@body@tags@found%
20          \BODY%
21        \fi}
22
23  \newcommand{\selectiveTag}[1]
24    {\listInclude{\selective@tags}{#1}%
25      \edef\implied@tags{\csuse{#1@tag@implications}}%
26      %\ifcsvoid{#1@tag@implications}{}
27      \foreach \implied@tag in \implied@tags
28        {\selectiveTag{\implied@tag}}}
29
30  \newcommand{\selectiveTagImplies}[2]
31    {\csdef{#1@tag@implications}{#2}}
```