scrambledenvs – Create and print scrambled environments

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Abstract

The scrambledenvs package allows you to create scrambled environments and print them out later, such as scrambled hints or solutions.

1   Overview

This package was designed to mark hints at a location[1] and print them out later in a random order.[2]

There is an outer environment which typesets the label. Inside it you should place the inner environment **and only the inner environment**. Inside this inner environment, you write the contents of your hint. This will typeset the hint number. Finally, you may print the hints at some later location in a randomized order.

2   Usage

If you want your solutions to be scrambled, call

`\usepackage{scrambledenvs}`

If you want to disable all scrambling for any reason, call

`\usepackage[noscramble]{scrambledenvs}`

\newscrambledenv   In order to create a new scrambled environment, one should call `\newscrambledenv{envname}`. This requires that the macros `\envname` and `\envnames` be undefined, as well as the counters envnamecount and envnametempcount be undefined, as `\newscrambledenv` will define these.

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[1] It can generalize beyond hints, but I thought it best to start off with a specific example..

[2] Though you do have the ability to make the order not random: pass in `noscramble` to the package.