

The latex-lab-mathpkg code*

L^AT_EX Project

February 14, 2024

Abstract

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1 Introduction

This file implements adaptations to various math packages needed for the tagging project.

2 The Implementation

1 `<@=math>`

2 `<*kernel>`

2.1 File declaration

3 `\ProvidesFile{latex-lab-mathpkg.ltx}`

4 `[2023-01-05 v0.1a mathpkg adaptations]`

2.2 Tagpdf support

To make the code independent from tagging being loaded and active we load the tagpdf-base package:

5 `\RequirePackage{tagpdf-base}`

*

```

6 \AddToHook{package/breqn/after}{
7   \RegisterMathEnvironment{dmath}
8   \RegisterMathEnvironment{dgroup*}
9   \AddToHook{env/dmath/begin}{\tagpdfparaOff}
10  \AddToHook{env/dgroup*/begin}{\tagpdfparaOff}
11 }

Force loading of amsmath before cases.
12 \AddToHook {package/cases/before}{\RequirePackage{amsmath}}
13 \AddToHook{package/cases/after}{
14   \RegisterMathEnvironment{subnumcases}
15 }
16 </kernel>

```

2.3 Wrapper files for testphase key

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The italic numbers denote the pages where the corresponding entry is described, numbers underlined point to the definition, all others indicate the places where it is used.

A		R	
<code>\AddToHook</code>	<i>6, 9, 10, 12, 13</i>	<code>\RegisterMathEnvironment</code>	<i>7, 8, 14</i>
		<code>\RequirePackage</code>	<i>5, 12</i>
P		T	
<code>\ProvidesFile</code>	<i>3</i>	<code>\tagpdfparaOff</code>	<i>9, 10</i>