

The latex-lab-mathpkg code*

L^AT_EX Project

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Abstract

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1 Introduction

This file implements adptions 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 adptions]
```

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	
\AddToHook 6, 9, 10, 12, 13	\RegisterMathEnvironment 7, 8, 14
		\RequirePackage 5, 12
P		T	
\ProvidesFile 3	\tagpdfparaOff 9, 10