

The latex-lab-mathpkg code*

L^AT_EX Project

June 11, 2023

Abstract

Contents

1	Introduction	1
2	The Implementation	1
	2.1 File declaration	1
	2.2 Tagpdf support	1
	2.3 Wrapper files for testphase key	2
	Index	2

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

Index

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