

# The latex-lab-mathpkg code\*

L<sup>A</sup>T<sub>E</sub>X Project

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**Abstract**

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## 1 Introduction

This file implements adaption 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 adaption]`

### 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}`

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```

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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