

The latex-lab-mathintent code*

L^AT_EX Project

May 31, 2025

Abstract

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1 Introduction

This file implements Experiments with the MathML4 `intent` feature. Initially to give readings for invisible times and function application.

2 The Implementation

`1 <@=math>`

`2 <*kernel>`

2.1 File declaration

```
3 \ProvidesFile{latex-lab-mathintent.ltx}
4 [2025-05-10 v0.1b intent experiments]
```

2.2 Invisible ops

```
5 \ExplSyntaxOn
```

```
6 \protected\def\invisibletimes{
7 \if_cs_exist:N\luamml_annotate:en
8 \luamml_annotate:en {
```

*

```

9     core = {[0] = 'mo', intent="times", "\u2062"},
10  }{
11  \latelua{}
12  }
13  \fi:
14  }

15  \protected\def\functionapplication{
16  \if_cs_exist:N\luamml_annotate:en
17  \luamml_annotate:en {
18  core = {[0] = 'mo', intent="applied_to", "\u2061"},
19  }{
20  \latelua{}
21  }
22  \fi:
23  }

24  \ExplSyntaxOff

25  </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.

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			P
			\protected
		
			\ProvidesFile
		