

# The latex-lab-mathintent 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 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 [2025-01-17 v0.1a 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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