

# The subtext package

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## 1 Usage

### 1.1 Loading the package

To load the package type

```
\usepackage{subtext}
```

into your preamble.

### 1.2 Using the package

In math mode use the `_` character as usual to get the usual result.

```
\begin{equation}
  \label{eq:1}
  a_{long text}
\end{equation}
```

yielding

$$a_{longtext} \tag{1}$$

Replace curly braces with square brackets to get the subscript typeset using `amstext`'s `\text` command.

```
\begin{equation}
  \label{eq:2}
  a_{[long text]}
\end{equation}
```

yielding

$$a_{\text{long text}} \tag{2}$$

That's all!

## 2 Source of subtext.sty

```
%% subtext.sty Look further down for brief description
%%
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\ProvidesPackage{subtext}[2019/05/24 v. 1.0 LaTeX package for easy
text-style subscripts in math mode.]

\RequirePackage{amstext}

\let\saved@sub_
\catcode'\_ \active
\def\new@sub@text[#1]{\saved@sub{\text{#1}}}
\def\new@sub@other#1{\saved@sub{#1}}

\def\new@sub{%
  \@ifnextchar[%]
    {\new@sub@text}{\new@sub@other}}
\def_{\new@sub}

\endinput
```

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