The unofficial

bootstrap

`icons`

package

Link ↬

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The bootstrapicons package
Manual for version 1

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https://www.ctan.org/pkg/bootstrapicons

https://github.com/BenSt099/bootstrapicons

Abstract

This is the official documentation of the package **bootstrapicons**. It provides ISO colors and signs according to the ISO standards 3864, 7001 and 7010. These standards can be used to create instructions for chemical or physical experiments.

> **ATTENTION!** This is NOT an official package from the ISO (International Organization for Standardization). All signs are taken from Wikipedia.

> **ATTENTION!** If you experience problems (e.g. on Windows) with this package, it may be due to *bootstrapicons* not finding the pdfs properly. Please use the workaround in section 5.

1 Installation

The package is included in TEXLive and MikTEX. If you would like to install it manually, please download the package from GitHub (https://github.com/BenSt099/bootstrapicons/releases). After that, please unzip the package and put it into the directory, where your distribution puts its packages, e.g. for TEXLive 2024 (Windows) you would put the package into this folder:

```
C:\texlive\2024\texmf-dist\tex\latex\
```

After this step, there should be a folder with path:

```
C:\texlive\2023\texmf-dist\tex\latex\bootstrapicons\
```

in which a file

```
bootstrapicons.sty
```

and several folders should reside. You can verify your installation by trying it out.

2 Loading the package & Dependencies

You can load the package with the following command in the preamble:

```
\usepackage{bootstrapicons}
```

This package has the following dependencies: `graphicx`, `ifthen`, `xkeyval`

3 ISO Colors (standard 3864)

Seven colors are defined which are also used to create the signs:

Name	Colors	Hex
Caution		#F9A800
Warning		#D05D29
Prohibition		#9B2423
Mandatory		#005387
Rescue		#237F52
Backgrounds		#ECECE7
Smybol		#2B2B2C

How to use:

```
{\color{Mandatory} \textbf{Text with Mandatory color.}}
```

Text with Mandatory color.

4   ISO Signs (standard 7010)

This section deals with the construction of signs. To begin with, each sign is placed in a category, has a letter and a number:

Category	Letter(s)	Numbers
Safe condition	E	(001 - 004, 007 - 070)
Crescent variant	CV	(003, 004, 009, 010, 011, 012, 013, 027, 028, 029, 064, 067)
Fire Protection	F	(001 - 019)
Mandatory	M	(001 - 060)
Prohibition	P	(001 - 074)
Warning	W	(001 - 080)

The command to access a sign is:

```
\Isosign{<Letter><Number>}
```

This command constructs a path to a sign in your TEXLive / MikTEX/ . . .   installation. To display a sign, use the following code:

```
%%% Example file
\documentclass{article}

    \usepackage{bootstrapicons}

\begin{document}

        \includegraphics{\Isosign{F001}}

        \includegraphics[scale=2]{\Isosign{P074}}

\end{document}
```

NOTE: For more information about the signs and standards, take a look at https://en.wikipedia.org/wiki/ISO_7010.

5 Known Issue

On some systems (mostly Windows), TEX is not able to find the pdfs properly. Since this is an issue that seems to exist only on certain systems and not all, please use the following workaround by providing the fullpath that leads to the installation directory of bootstrapicons. This can be done by supplying it through the **fullpath**-option:

```
%%% Example file
\documentclass{article}

                          % example path
    \usepackage[ fullpath = /texlive/2024/texmf-dist/tex/latex/bootstrapicons ]{bootstrapicons}

\begin{document}

        \includegraphics{\Isosign{F001}}

        \includegraphics[scale=2]{\Isosign{P074}}

\end{document}
```

If you are unsure about the path, simply execute

```
kpsewhich bootstrapicons.sty
```

in a terminal and a path will be returned. The path that is given in the example is the typical path on most systems.

NOTE: On Windows, the path should also be given with foreslashes (just like in the example).

NOTE: The last directory in the path *does not* end with a foreslash (just like in the example).