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# **pandoc-latex-tip Documentation**

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# CHAPTER 1

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## Explanation

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In the metadata block, specific set of classes can be defined to decorate HTML span, div, code or codeblock elements by icons generated from popular icon collections:

Collection	Version	Author	License
Font-Awesome	4.7, 5.x	<a href="#">Dave Gandy</a>	<a href="#">SIL OFL 1.1</a>
Glyphicons	3.3	<a href="#">Jan Kovarik</a>	<a href="#">MIT</a>
Material Design	2.x	<a href="#">Austin Andrews &amp; Google</a>	<a href="#">SIL OFL 1.1</a>

It's also possible to specify a tip on such an element using description by attribute.

The metadata block add information using the `pandoc-latex-tip` entry by a list of definitions:

```
pandoc-latex-tip:
- classes: [tip, error]
  icons: [bug]
- classes: [tip]
```

The metadata block above is used to add a bug icon to span, div, code or codeblock elements which have tip and error classes and a generic icon to span, div, code or codeblock elements that have only a tip class.

Each entry of `pandoc-latex-tip` is a YAML dictionary containing:

- **classes:** the set of classes of the span, div, code or codeblock elements to which the transformation will be applied. This parameter is mandatory.
- **icons:** the list of icons that will decorate the span, div, code or codeblock elements ([`exclamation-circle`] by default)
- **size:** the size of the rendered icons (18 by default)
- **position:** the position of the icons (left by default or right)
- **color:** the default color for icons which do not have a color description by themselves

Each icon is either:

- an icon name taken from the [Font-Awesome icons collection 4.7.0](#)
- a YAML object containing
  - a name property (for the icon)
  - a color property taken from the [X11 color collection](#)
  - an icon collection property (either `fontawesome`, `glyphicons` or `materialdesign`)
  - an icon collection version property (`4.7` or `5.x` for `fontawesome`, `3.3` for `glyphicons` and `2.x` for `materialdesign`)
  - an icon collection variant property (Font-Awesome `5.x` version define 3 variants `brands`, `regular`, `solid`)
  - a link property to make the icon clickable

If only an icon name is specified (in this case, you can simply put its name instead of inserting it in a list), the color is assumed to be `Black`, the version is assumed to be `4.7` and the variant is assumed to be `regular`.

It's also possible to specify a tip for individual elements using attribute description:

- `latex-tip-icon`: the name of the icon
- `latex-tip-size`: the size of the rendered icon (`18` by default)
- `latex-tip-position`: the position of the icon (`left` by default or `right`)
- `latex-tip-color`: the color for the icon (`black` by default)
- `latex-tip-name`: the collection name property (`fontawesome` by default)
- `latex-tip-version`: the collection version property (`4.7` by default)
- `latex-tip-variant`: the collection variant property (`regular` by default)
- `latex-tip-link`: a link for the clickable icon

The following LaTeX packages are required:

- `marginnote`
- `etoolbox`

## CHAPTER 2

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### Example

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Demonstration: Using `pandoc-latex-tip-sample.txt` as input gives output file in `pdf`.