

## Boxes with pandoc-latex-environment and tcolorbox

This example demonstrates the use of the filter `pandoc-latex-environments` to create custom boxes with the `tcolorbox` package. `pandoc-latex-environment` is a pandoc filter for adding LaTeX environment on specific HTML div tags. For a list of all available options visit the [tcolorbox documentation](#).

### Simple Box

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam aliquet libero quis lectus elementum fermentum.

### Markdown inside the Box

Markdown formatting inside the environment is supported.

Lorem ipsum **dolor** sit amet, `consectetur adipiscing` elit.

```
1 if(args.length < 2) {
2     System.out.println("Lorem ipsum dolor sit amet");
3 }
```

*Nam aliquet libero quis lectus elementum fermentum.*

### Custom Box

One can define custom boxes in the LaTeX preamble with the variable `header-includes` at the top of this document.

**Info:** This is a custom box that may be used to show info messages in your document.

**Warning:** This is a custom box that may be used to show warning messages in your document.

**Error:** This is a custom box that may be used to show error messages in your document.