

Typst Bible

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Purpose

- To easily reference Bible verses for personal, ministerial, or academic papers
- ESV is currently only supported translation¹
- If you have any great ideas, please open a [GitHub Issue](#)

Import "bible.typ"

bible.typ is meant to provide an API for interacting with bible.wasm

```
#import "bible.typ": bible_footnote, bible_quote, bible_quote_fmt
```

#bible_footnote()

```
I am blessed because my sins are forgiven! #bible_footnote("Romans 4:7")
// or
I am blessed because my sins are forgiven! ^ Romans 4:7
// but it is currently broken because there is a bug matching the `:` character

I am blessed because my sins are forgiven!2
```

#bible_quote()

```
#bible_quote("Romans 4:7")
// or
> Romans 4:7
// but it is currently broken because there is a bug matching the `:` character
```

```
7 "Blessed are those whose lawless deeds are forgiven, and whose sins are
covered;
                                     — Romans 4:7 ESV
```

#bible_quote_fmt()

Note: Regular Expressions are supported and will be discussed in [Regex Support](#).

Basic

This is just like using #bible_quote() with no additional formatting applied

```
#bible_quote_fmt("Ephesians 4:28")
```

```
28 Let the thief no longer steal, but rather let him labor, doing honest work with
his own hands, so that he may have something to share with anyone in need.
                                     — Ephesians 4:28 ESV
```

Bold

"b" = bold match pattern (optional)

```
#bible_quote_fmt("Ephesians 4:28", b: "doing honest work with his own hands")
```

¹Since I am the only one using it, and I use ESV, I don't see the need to add another translation. If you use this and would like me to add another translation, let me know.

² 7 "Blessed are those whose lawless deeds are forgiven, and whose sins are covered; - Romans 4:7 ESV

28 Let the thief no longer steal, but rather let him labor, **doing honest work with his own hands**, so that he may have something to share with anyone in need.

— Ephesians 4:28 ESV

Highlight

"hl" = highlight match pattern (optional)

```
#bible_quote_fmt("Ephesians 4:28", hl: "doing honest work with his own hands")
```

28 Let the thief no longer steal, but rather let him labor, **doing honest work with his own hands**, so that he may have something to share with anyone in need.

— Ephesians 4:28 ESV

Underline

"ul" = underline match pattern (optional)

```
#bible_quote_fmt("Ephesians 4:28", ul: "doing honest work with his own hands")
```

28 Let the thief no longer steal, but rather let him labor, doing honest work with his own hands, so that he may have something to share with anyone in need.

— Ephesians 4:28 ESV

Italics

"it" = italics match pattern (optional)

```
#bible_quote_fmt("Ephesians 4:28", it: "doing honest work with his own hands")
```

28 Let the thief no longer steal, but rather let him labor, *doing honest work with his own hands*, so that he may have something to share with anyone in need.

— Ephesians 4:28 ESV

Custom

"c" = custom match pattern to apply fmt filter (optional)

"fmt" = custom formatting pattern (optional)

```
#bible_quote_fmt("Ephesians 4:28", c: "doing honest work with his own hands", fmt: highlight.with(fill: red))
```

28 Let the thief no longer steal, but rather let him labor, **doing honest work with his own hands**, so that he may have something to share with anyone in need.

— Ephesians 4:28 ESV

Omit/Hide

omit = omit content by replacing with ellipse ...

```
#bible_quote_fmt("Ephesians 4:28", omit: "doing honest work with his own hands")
```

28 Let the thief no longer steal, but rather let him labor, ..., so that he may have something to share with anyone in need.

— Ephesians 4:28 ESV

RegEx Support

The parameters for matching are Regular Expressions, you can learn more about them at <https://typst.app/docs/reference/foundations/regex/>.

Removing beginning of quote

This is a common operation

For reference:

28 Let the thief no longer steal, but rather let him labor, doing honest work with his own hands, so that he may have something to share with anyone in need.

— Ephesians 4:28 ESV

You could say:

```
#bible_quote_fmt("Ephesians 4:28", omit: "Let the thief no longer steal, but")
```

To remove "Let the thief no longer steal, but"

28 ... rather let him labor, doing honest work with his own hands, so that he may have something to share with anyone in need.

— Ephesians 4:28 ESV

You could also say:

```
#bible_quote_fmt("Ephesians 4:28", omit: "Let.*?rather")
```

To remove everything (".*?") between "Let" to "rather" (which equates to "Let the thief no longer steal, but")

28 ... let him labor, doing honest work with his own hands, so that he may have something to share with anyone in need.

— Ephesians 4:28 ESV

Or you could even say:

```
#bible_quote_fmt("Ephesians 4:28", omit: "^.*?rather")
```

To remove everything (".*?") from the start of the verse ("^") to the first "rather" (which again equates to "Let the thief no longer steal, but")

28 ... let him labor, doing honest work with his own hands, so that he may have something to share with anyone in need.

— Ephesians 4:28 ESV

Explanation:

- "^" begins the match at the start of the line

- `"."` matches anything (`"."`) as many times as it can (`"*"`)
- `"*?"` is the same way, but it matches as many as necessary
- In other words, `"*rather"` will match everything up to the last `"rather"`, but `"*?rather"` will match everything up until the first `rather`

Removing end of quote

It is the same thing to remove the end, but you use the `"$"` character:

```
#bible_quote_fmt("Ephesians 4:28", omit: ", so.*$")
```

28 Let the thief no longer steal, but rather let him labor, doing honest work with his own hands...

— Ephesians 4:28 ESV

This removes everything (`"."`) from `", so"` to the end of the line `"$"` (or `", so that he may have something to share with anyone in need."`).

Removing beginning and end of quote

```
#bible_quote_fmt("Ephesians 4:28", omit: "^.*?rather|, so.*$")
```

28 ... let him labor, doing honest work with his own hands...

— Ephesians 4:28 ESV

This does both

- `"^.*?rather"` starts at the beginning (`"^"`) and removes everything up to (`"*?"`) the first `"rather"`.
- `", so.*$"` removes everything (`"."`) from `", so"` to the end of the line (`"$"`)
- `"|"` joins the 2 patterns together with a logical OR operation, meaning it will do the first pattern or second pattern (and if it can do both, it does both)

Additional Information

Naming

I will try and provide clear naming conventions. If you do not prefer that, you can just rename them as follows:

```
#let v = bible_quote
// ...
#v("1 John 3:2")
```

Building WASM

To build:

```
wasm-pack build --target web
```

I use a script that deletes and re-links the file so that Typst knows to re-check the contents:

```
./run.sh
```