

# pandoc-crossref demo document

This is a demo file for pandoc-crossref. With this filter, you can cross-reference figures (see figs. 2 to 4), display equations (see eq. (1)), tables (see tbl. 1) and sections (secs. 1, 2 and 4.1 to 4.3)

For immediate example, see fig. 1



Figure # 1: A figure

There is also support for code blocks, for example, lsts. 1 to 3

It's possible to capitalize reference prefixes, like this: Fig. 2.

In case of multiple references, capitalization is determined by first reference. Figs. 2 and 3 is capitalized, while figs. 2 and 3 is not.

It is also possible to mix different references, like fig. 2, tbl. 1, lsts. 1 and 2, figs. 3 and 4, which will be grouped in order they are specified. You can even intermix this with regular citations, although it's not recommended: fig. 2, tbl. 1, [unprocessedCitation]

You can also have custom chapter reference labels, like sec. 6.1

Subfigures are supported, see figs. 6 and 6b

## 1 Chapter 1. Figures



Figure # 2: First figure



Figure # 3: Second figure

## 2 Chapter 2. Equations

Display equations are labelled and numbered

$$P_i(x) = \sum_i a_i x^i \tag{1}$$



Figure # 4: Third figure



Figure # 5: Unlabelled image



(a) Subfigure a



(b) Subfigure b

Figure # 6: Subfigures caption

Since 0.1.6.0 those can also appear in the middle of paragraph

$$ax^2 + bx^2 + c = 0 \tag{2}$$

like this.

### 3 Chapter 3. Tables

Table 1: Table example

First Header	Second Header
Content Cell	Content Cell
Content Cell	Content Cell

Table without caption:

First Header	Second Header
Content Cell	Content Cell
Content Cell	Content Cell

### 4 Chapter 4. Code blocks

There are a couple options for code block labels. Those work only if code block id starts with `lst:`, e.g. `{#lst:label}`

#### 4.1 caption attribute

`caption` attribute will be treated as code block caption. If code block has both `id` and `caption` attributes, it will be treated as numbered code block.

---

**Listing 1** Listing caption

---

```
main :: IO ()
main = putStrLn "Hello World!"
```

---

4.2 Table-style captions

Enabled with `codeBlockCaptions` metadata option. If code block is immediately adjacent to paragraph, starting with `Listing:` or `:`, said paragraph will be treated as code block caption.

---

**Listing 2** Listing caption

---

```
main :: IO ()
main = putStrLn "Hello World!"
```

---

4.3 Wrapping div

Wrapping code block without label in a div with id `lst:...` and class, starting with `listing`, and adding paragraph before code block, but inside div, will treat said paragraph as code block caption.

---

**Listing 3** Listing caption

---

```
main :: IO ()
main = putStrLn "Hello World!"
```

---

Unnumbered chapter.

This chapter doesn't change chapter prefix of referenced elements, instead keeping number of previous chapter, e.g.

$$S(x) = \int_{x_1}^{x_2} ax + b \, dx \tag{3}$$

5 Chapter 5. Reference lists

It's also possible to show lists of figures and tables, like this:

List of Figures

1	A figure . . . . .	1
2	First figure . . . . .	2
3	Second figure . . . . .	2
4	Third figure . . . . .	3
5	Unlabelled image . . . . .	3
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[]: hack to split raw blocks

## List of Tables

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[]: hack to split raw blocks		

## List of Listings

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2	Listing caption . . . . .	6
3	Listing caption . . . . .	6

## 6 Appendix A. Custom labels

### 6.1 This section will have custom label