

# Haddock Markup

Haddock Markup Cheat-sheet, Version 1.0  
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## Code Sections

```
-- * Section
-- ** Sub-section
-- *** Sub-sub-section
-- et cetera
```

## Named Documentation Chunks

```
-- $name
[...]
-- $name
-- Here is the documentation text
-- which is embedded elsewhere
```

## Code Blocks

With `internal markup`:

```
-- @
--   fact n = product [1..n]
-- @
```

With `literal text`:

```
-- > fact n = product [1..n]
```

## REPL Examples

```
-- >>> fact 5
-- 120
```

## Properties

```
-- prop> a + b = b + a
```

## Hyperlinked Identifiers

```
-- The value 'x' of type 'T'
-- The out-of-scope 'MyModule.x'
-- The "MyModule" module
```

## Textual Markup

```
-- Emphasis: /forward slashes/.
-- Bolding: __underscores__.
-- Monospaced text: @ampersands@.
```

## Links and Images

```
-- A raw link <http://example.com>
-- [a link](http://example.com)
-- ![description](imagepath.png)
```

## Lists

itemized with "\*" or "-"

```
-- * first item
-- * second item
```

numbered with "(n)" or "n."

```
-- 1. first item
-- 2. second item
```

definitions with "[thing]"

```
-- [one] first item
-- [two] second item
```

## Mathematics/LaTeX

```
-- \[
--   f(n) = \Sum_{i=1}^{n} i
-- \]
-- when \((n > 0\))
```

## Headings in Documentation

```
-- = Heading
-- == Sub-heading
-- === sub-sub-heading
```

## Metadata

```
-- @since 1.2.3
```

## Module Attributes

```
{-# OPTIONS_HADDOCK hide #-}
Omit this module from the docs
{-# OPTIONS_HADDOCK prune #-}
Omit definitions without docs
{-# OPTIONS_HADDOCK ignore-exports #-}
Treat this module as though all
  top-level items are exported
{-# OPTIONS_HADDOCK not-home #-}
Do not treat this module as the
  "home" of identifiers it exports
{-# OPTIONS_HADDOCK show-extensions #-}
Show all enabled LANGUAGE extensions
```