

# Package ‘mindr’

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**Title** Generate Mind Maps

**Maintainer** Peng Zhao <pengzhao20@outlook.com>

**Depends** R (>= 4.1.0)

**Imports** htmlwidgets, knitr, rmarkdown, pdftools, Rdpack

**RdMacros** Rdpack

**VignetteBuilder** knitr

**SystemRequirements** pandoc (>= 1.14) - <http://pandoc.org>

**Description** Convert Markdown (‘.md’) or R Markdown (‘.Rmd’) texts, R scripts, directory structures, and other hierarchical structured documents into mind map widgets or ‘Free-mind’ codes or ‘Mermaid’ mind map codes, and vice versa. ‘Free-mind’ mind map (‘.mm’) files can be opened by or imported to common mind map software such as ‘Free-mind’ (<[https://freemind.sourceforge.io/wiki/index.php/Main\\_Page](https://freemind.sourceforge.io/wiki/index.php/Main_Page)>). ‘Mermaid’ mind map codes (<<https://mermaid.js.org/>>) can be directly embedded in documents.

**License** GPL-3

**URL** <https://github.com/pzhaonet/mindr>

**BugReports** <https://github.com/pzhaonet/mindr/issues>

**Encoding** UTF-8

**RoxygenNote** 7.3.3

**NeedsCompilation** no

**Author** Peng Zhao [aut, cre] (ORCID: <<https://orcid.org/0000-0001-5267-9797>>)

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Contents

dir2md . . . . .	2
dir2mm . . . . .	3
dir2r . . . . .	4
filterNULL . . . . .	5
get_eqloc . . . . .	5
get_filename_ext . . . . .	6
get_mmdshape . . . . .	6
guess_type . . . . .	7
list2heading . . . . .	7
markmap . . . . .	8
markmapOption . . . . .	9
md2dir . . . . .	10
md2mm . . . . .	11
md2mmd . . . . .	12
md2r . . . . .	13
mdtxt2mmtxt . . . . .	13
mm . . . . .	14
mm2dir . . . . .	16
mm2md . . . . .	16
mm2r . . . . .	17
mmm . . . . .	17
outline . . . . .	19
outline_pdf . . . . .	20
r2dir . . . . .	21
r2md . . . . .	21
r2mm . . . . .	22
rmvcode . . . . .	23
<b>Index</b>	<b>24</b>

---

dir2md	<i>Display a directory hierarchical structure in Markdown syntax</i>
--------	--

---

Description

Display a directory hierarchical structure in Markdown syntax

Usage

dir2md(from = ".", dir\_files = TRUE, dir\_all = TRUE, dir\_excluded = NA)

**Arguments**

from	Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.
dir_files	Logical. Whether to include files. If FALSE, only folders are included. If TRUE, folders and files are included.
dir_all	Logical. Whether to include all files in a directory. If FALSE, only the names of visible files are included (following Unix-style visibility, that is files whose name does not start with a dot). If TRUE, all file names will be included.
dir_excluded	Character. The directories which are not included in the output.

**Value**

Character, in Markdown syntax.

---

dir2mm	<i>Display hierarchical structure of a directory in FreeMind mind map</i>
--------	---

---

**Description**

Display hierarchical structure of a directory in FreeMind mind map

**Usage**

```
dir2mm(
  from = ".",
  root = NA,
  dir_files = TRUE,
  dir_all = TRUE,
  dir_excluded = NA,
  md_maxlevel = ""
)
```

**Arguments**

from	Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.
root	Character. The string displayed as the root (center) of the mind map.
dir_files	Logical. Whether to include files. If FALSE, only folders are included. If TRUE, folders and files are included.
dir_all	Logical. Whether to include all files in a directory. If FALSE, only the names of visible files are included (following Unix-style visibility, that is files whose name does not start with a dot). If TRUE, all file names will be included.
dir_excluded	Character. The directories which are not included in the output.
md_maxlevel	Integer or ". The maximum level of the markdown headings that are displayed in the mind map.

**Value**

FreeMind mind map code.

---

dir2r

---

*Convert a hierarchical directory into R code*


---

**Description**

Convert a hierarchical directory into R code

**Usage**

```
dir2r(
  from = ".",
  dir_files = TRUE,
  dir_all = TRUE,
  dir_excluded = NA,
  r_seclabel = " -----",
  r_chunkheading = FALSE
)
```

**Arguments**

from	Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.
dir_files	Logical. Whether to include files. If FALSE, only folders are included. If TRUE, folders and files are included.
dir_all	Logical. Whether to include all files in a directory. If FALSE, only the names of visible files are included (following Unix-style visibility, that is files whose name does not start with a dot). If TRUE, all file names will be included.
dir_excluded	Character. The directories which are not included in the output.
r_seclabel	Character. The ending characters indicating sections in R Markdown.
r_chunkheading	Logical. Whether process the chunk label as headings.

**Value**

Character, R code

---

filterNULL	<i>A function for markmap</i>
------------	-------------------------------

---

**Description**

A function for markmap

**Usage**

filterNULL(x)

**Arguments**

x	something
---	-----------

**Value**

something else

---

get_eqloc	<i>Get the index of equations in a string vector</i>
-----------	--

---

**Description**

Get the index of equations in a string vector

**Usage**

get\_eqloc(eq\_begin, eq\_end)

**Arguments**

eq_begin	the beginning index of an equation
eq_end	the end index of an equation

**Value**

a index vector

---

get_filename_ext	<i>Get the file name extension</i>
------------------	------------------------------------

---

**Description**

Get the file name extension

**Usage**

```
get_filename_ext(filename)
```

**Arguments**

filename	character, the file name
----------	--------------------------

**Value**

character, the file name extension

---

get_mmdshape	<i>Get the shape maker for mermaid mindmap</i>
--------------	--

---

**Description**

Get the shape maker for mermaid mindmap

**Usage**

```
get_mmdshape(  
  mmd_shape = c("square", "rounded_square", "circle", "bang", "cloud", "hexagon")  
)
```

**Arguments**

mmd_shape	Character.
-----------	------------

**Value**

Character.

---

guess_type	<i>Guess the type of input or output</i>
------------	--

---

**Description**

Guess the type of input or output

**Usage**

```
guess_type(from)
```

**Arguments**

from	The source text
------	-----------------

**Value**

the type, including 'dir', 'mindmap', 'R', 'markdown'.

---

list2heading	<i>convert lists to headings in a text</i>
--------------	--

---

**Description**

convert lists to headings in a text

**Usage**

```
list2heading(text)
```

**Arguments**

text	the given strings
------	-------------------

**Value**

integer. the index of the headings in the given strings.

markmap

*Create a mind map in HTML widget***Description**

Create a mind map in HTML widget

**Usage**

```
markmap(
  from = ".",
  root = NA,
  input_type = c("auto", "markdown", "mindmap", "R", "dir"),
  md_list = FALSE,
  md_eq = FALSE,
  md_braces = FALSE,
  md_bookdown = FALSE,
  md_maxlevel = "",
  dir_files = TRUE,
  dir_all = TRUE,
  dir_excluded = NA,
  widget_name = NA,
  widget_width = NULL,
  widget_height = NULL,
  widget_elementId = NULL,
  widget_options = markmapOption(preset = "colorful")
)
```

**Arguments**

from	Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.
root	Character. The string displayed as the root (center) of the mind map.
input_type	Character. The type of the input text. It can be 'auto', 'markdown', 'mindmap', 'R', 'dir'. The default value is 'auto', which means the type will be automatically assigned according to the features of the input text.
md_list	Logical. whether to process lists like headings in the Markdown input.
md_eq	Logical. Whether to include LaTeX equations in the Markdown input when converted to other formats.
md_braces	Logical. Whether to remove <b>#ID</b> in the headings of the markdown file (usually in a <b>bookdown</b> > project.
md_bookdown	Logical. Whether the R Markdown syntax text is in bookdown style, i.e. # (PART), # (APPENDIX), and #References as an upper level of the Level 1 heading.



md_maxlevel	Integer or ". The maximum level of the markdown headings that are displayed in the mind map.
dir_files	Logical. Whether to include files. If FALSE, only folders are included. If TRUE, folders and files are included.
dir_all	Logical. Whether to include all files in a directory. If FALSE, only the names of visible files are included (following Unix-style visibility, that is files whose name does not start with a dot). If TRUE, all file names will be included.
dir_excluded	Character. The directories which are not included in the output.
widget_name	Character. The name of the html widget.
widget_width	Numeric. The width of the widget.
widget_height	Numeric. The height of the widget.
widget_elementId	Character. The ID of teh Widget.
widget_options	List. Options for the markmap widget. It should be a list passed from the markmapOption() function.

## Details

This function, adapted from the **Rmarkup** package, creates a markmap widget using htmlwidgets. The widget can be rendered on HTML pages generated from R Markdown, Shiny, or other applications.

## Value

HTML widget object.

---

markmapOption	<i>Theme options for markmap creation</i>
---------------	---

---

## Description

Theme options for markmap creation

## Usage

```
markmapOption(
  preset = NULL,
  nodeHeight = 20,
  nodeWidth = 180,
  spacingVertical = 10,
  spacingHorizontal = 120,
  duration = 750,
  layout = "tree",
  color = "gray",
  linkShape = "diagonal",
  renderer = "boxed",
  ...
)
```

**Arguments**

preset	the name of built-in theme for markmap. If present, any other parameters will be ignored.
nodeHeight	the height of nodes in the markmap.
nodeWidth	the width of nodes in the markmap.
spacingVertical	space of vertical.
spacingHorizontal	space of horizontal.
duration	duration time for animation.
layout	layout mode of markmap. Currently, only 'tree' is accepted.
color	color of markmap. A character color value ,either 'gray' or a categorical colors including 'category10','category20','category20b' and 'category20c'.
linkShape	link shape of markmap. A character value, either 'diagonal' or 'bracket'.
renderer	rendered shaped of markmap. A character value ,either 'basic' or 'boxed'.
...	other options.

**Details**

This function is adapted from the **Rmarkup** package.

Currently, markmap have 'default' and 'colorful' themes.

**Value**

A list of settings for mind map widget.

**See Also**

<https://github.com/seifer08ms/Rmarkmap> and <https://github.com/dundalek/markmap/blob/master/lib/view.mindmap.js> for details.

---

md2dir

---

*Create hierarchical directories according to (R) Markdown-syntax text*


---

**Description**

Create hierarchical directories according to (R) Markdown-syntax text

**Usage**

```
md2dir(
  from = NA,
  dir_to,
  md_list = FALSE,
  md_bookdown = TRUE,
  dir_quiet = FALSE
)
```

**Arguments**

from	Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.
dir_to	Character. The path of the output directory.
md_list	Logical. whether to process lists like headings in the Markdown input.
md_bookdown	Logical. Whether the R Markdown syntax text is in bookdown style, i.e. # (PART), # (APPENDIX), and #References as an upper level of the Level 1 heading.
dir_quiet	Logical. Whether to display the results of generated directories.

**Value**

Directories generated.

---

md2mm

---

*Convert (R) Markdown-syntax text to FreeMind mind map code*


---

**Description**

Convert (R) Markdown-syntax text to FreeMind mind map code

**Usage**

```
md2mm(
  from = NA,
  root = "mindr",
  md_list = FALSE,
  md_braces = FALSE,
  md_bookdown = FALSE,
  md_eq = FALSE,
  md_maxlevel = ""
)
```

**Arguments**

from	Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.
root	Character. The string displayed as the root (center) of the mind map.
md_list	Logical. whether to process lists like headings in the Markdown input.
md_braces	Logical. Whether to remove <b>#ID</b> in the headings of the markdown file (usually in a <b>bookdown</b> > project.
md_bookdown	Logical. Whether the R Markdown syntax text is in bookdown style, i.e. # (PART), # (APPENDIX), and #References as an upper level of the Level 1 heading.
md_eq	Logical. Whether to include LaTeX equations in the Markdown input when converted to other formats.
md_maxlevel	Integer or ". The maximum level of the markdown headings that are displayed in the mind map.

**Value**

FreeMind mind map code, which can be saved as a .mm file and viewed by common mind map software, such as **FreeMind** and **XMind**.

---

md2mmd

---

*Convert Markdown headings into a mermaid mindmap*


---

**Description**

Convert Markdown headings into a mermaid mindmap

**Usage**

```
md2mmd(
  from,
  root = "mindr",
  mmd_shape = c("cloud", "rounded_square", "square", "bang", "circle", "hexagon")
)
```

**Arguments**

from	A vector with Markdown headings
root	Character. The string displayed as the root (center) of the mind map.
mmd_shape	Character vector. The shape of mermaid mindmap nodes. See <b>Mermaid document</b> .

**Value**

Mermaid mindmap code chunk

---

md2r	<i>Convert (R) Markdown-syntax text into R code</i>
------	---

---

**Description**

Convert (R) Markdown-syntax text into R code

**Usage**

```
md2r(from = NA, r_seclabel = " -----", r_chunkheading = FALSE)
```

**Arguments**

from	Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.
r_seclabel	Character. The ending characters indicating sections in R Markdown.
r_chunkheading	Logical. Whether process the chunk label as headings.

**Value**

Character, R code.

---

mdtxt2mmtxt	<i>Convert Markdown text to FreeMind mind map text.</i>
-------------	---

---

**Description**

Convert Markdown text to FreeMind mind map text.

**Usage**

```
mdtxt2mmtxt(from = "", root = "root", md_eq = FALSE)
```

**Arguments**

from	Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.
root	Character. The string displayed as the root (center) of the mind map.
md_eq	Logical. Whether to include LaTeX equations in the Markdown input when converted to other formats.

**Value**

a mindmap text.

---

mm	<i>All-in-one wrapper for the conversion between (R) Markdown, FreeMind mind map, Mermaid mind map, R code, directory structure, and HTML widget.</i>
----	---

---

## Description

All-in-one wrapper for the conversion between (R) Markdown, FreeMind mind map, Mermaid mind map, R code, directory structure, and HTML widget.

## Usage

```
mm(
  from = NA,
  input_type = c("auto", "markdown", "mindmap", "R", "dir"),
  output_type = c("widget", "mindmap", "markdown", "R", "dir", "mermaid"),
  root = NA,
  md_list = FALSE,
  md_eq = FALSE,
  md_braces = FALSE,
  md_bookdown = FALSE,
  md_maxlevel = "",
  r_seclabel = " -----",
  r_chunkheading = FALSE,
  dir_files = TRUE,
  dir_all = TRUE,
  dir_excluded = NA,
  dir_to = NA,
  dir_quiet = FALSE,
  mmd_shape = c("cloud", "rounded_square", "square", "bang", "circle", "hexagon"),
  widget_name = NA,
  widget_width = NULL,
  widget_height = NULL,
  widget_elementId = NULL,
  widget_options = markmapOption(preset = "colorful")
)
```

## Arguments

from	Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.
input_type	Character. The type of the input text. It can be 'auto', 'markdown', 'mindmap', 'R', 'dir'. The default value is 'auto', which means the type will be automatically assigned according to the features of the input text.
output_type	Character. The type of the output. It can be 'widget', 'mindmap', 'markdown', 'R', 'dir', 'mmd'. The default value is 'widget'.

root	Character. The string displayed as the root (center) of the mind map.
md_list	Logical. whether to process lists like headings in the Markdown input.
md_eq	Logical. Whether to include LaTeX equations in the Markdown input when converted to other formats.
md_braces	Logical. Whether to remove <b>#ID</b> in the headings of the markdown file (usually in a <b>bookdown</b> > project.
md_bookdown	Logical. Whether the R Markdown syntax text is in bookdown style, i.e. # (PART), # (APPENDIX), and #References as an upper level of the Level 1 heading.
md_maxlevel	Integer or ". The maximum level of the markdown headings that are displayed in the mind map.
r_seclabel	Character. The ending characters indicating sections in R Markdown.
r_chunkheading	Logical. Whether process the chunk label as headings.
dir_files	Logical. Whether to include files. If FALSE, only folders are included. If TRUE, folders and files are included.
dir_all	Logical. Whether to include all files in a directory. If FALSE, only the names of visible files are included (following Unix-style visibility, that is files whose name does not start with a dot). If TRUE, all file names will be included.
dir_excluded	Character. The directories which are not included in the output.
dir_to	Character. The path of the output directory.
dir_quiet	Logical. Whether to display the results of generated directories.
mmd_shape	Character. The shape of mermaid mindmap nodes. See <b>Mermaid document</b> .
widget_name	Character. The name of the html widget.
widget_width	Numeric. The width of the widget.
widget_height	Numeric. The height of the widget.
widget_elementId	Character. The ID of teh Widget.
widget_options	List. Options for the markmap widget. It should be a list passed from the markmapOption() function.

## Details

mm() converts between (R) Markdown syntax text, R code, FreeMind mind map code, Mermaid mind map code, and directory, and display them in a HTML widget. It is a wrapper for other conversion functions in this package.

## Value

Desired output.

## Examples

```
input <- system.file('examples/mindr-md.Rmd', package = 'mindr')
input_txt <- readLines(input, encoding = 'UTF-8')
mm_output <- mm(input_txt, output_type = c('mindmap', 'markdown', 'R', 'widget'))
mm_output
# See the vignette for more examples:
vignette('mindr', package = 'mindr')
```

---

mm2dir	<i>Generate hierarchical directories according to a FreeMind mind map</i>
--------	---

---

## Description

Generate hierarchical directories according to a FreeMind mind map

## Usage

```
mm2dir(from = NA, dir_to = NA, dir_quiet = FALSE)
```

## Arguments

from	Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.
dir_to	Character. The path of the output directory.
dir_quiet	Logical. Whether to display the results of generated directories.

## Value

Directory generated.

---

mm2md	<i>Convert FreeMind mind map code into Markdown headings</i>
-------	--

---

## Description

Convert FreeMind mind map code into Markdown headings

## Usage

```
mm2md(from = NA)
```

## Arguments

from	Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.
------	---



**Value**

Character, showing outline in Markdown syntax.

---

mm2r

---

*Convert FreeMind mind map code into .R code*


---

**Description**

Convert FreeMind mind map code into .R code

**Usage**

```
mm2r(from = NA, r_seclabel = " -----", r_chunkheading = FALSE)
```

**Arguments**

**from** Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.

**r\_seclabel** Character. The ending characters indicating sections in R Markdown.

**r\_chunkheading** Logical. Whether process the chunk label as headings.

**Value**

Character, R code.

---

mmm

---

*Convert almost any file into mind map.*


---

**Description**

Convert almost any file into mind map.

**Usage**

```
mmm(
  input_file = NA,
  output_type = c("widget", "mindmap", "markdown", "mermaid"),
  input_type = c("auto", "markdown", "mindmap", "R", "dir"),
  root = NA,
  md_list = FALSE,
  md_eq = FALSE,
  md_braces = FALSE,
  md_bookdown = FALSE,
  md_maxlevel = "",
  r_seclabel = " -----",
```

```

r_chunkheading = FALSE,
dir_files = TRUE,
dir_all = TRUE,
dir_excluded = NA,
dir_to = NA,
dir_quiet = FALSE,
mmd_shape = c("cloud", "rounded_square", "square", "bang", "circle", "hexagon"),
widget_name = NA,
widget_width = NULL,
widget_height = NULL,
widget_elementId = NULL,
widget_options = markmapOption(preset = "colorful")
)

```

## Arguments

<code>input_file</code>	Character. The path to the file for input.
<code>output_type</code>	Character. The type of the output. It can be 'widget', 'mindmap', 'markdown', 'R', 'dir', 'mmd'. The default value is 'widget'.
<code>input_type</code>	Character. The type of the input text. It can be 'auto', 'markdown', 'mindmap', 'R', 'dir'. The default value is 'auto', which means the type will be automatically assigned according to the features of the input text.
<code>root</code>	Character. The string displayed as the root (center) of the mind map.
<code>md_list</code>	Logical. whether to process lists like headings in the Markdown input.
<code>md_eq</code>	Logical. Whether to include LaTeX equations in the Markdown input when converted to other formats.
<code>md_braces</code>	Logical. Whether to remove <b>#ID</b> in the headings of the markdown file (usually in a <b>bookdown</b> > project).
<code>md_bookdown</code>	Logical. Whether the R Markdown syntax text is in bookdown style, i.e. # (PART), # (APPENDIX), and # References as an upper level of the Level 1 heading.
<code>md_maxlevel</code>	Integer or ". The maximum level of the markdown headings that are displayed in the mind map.
<code>r_seclabel</code>	Character. The ending characters indicating sections in R Markdown.
<code>r_chunkheading</code>	Logical. Whether process the chunk label as headings.
<code>dir_files</code>	Logical. Whether to include files. If FALSE, only folders are included. If TRUE, folders and files are included.
<code>dir_all</code>	Logical. Whether to include all files in a directory. If FALSE, only the names of visible files are included (following Unix-style visibility, that is files whose name does not start with a dot). If TRUE, all file names will be included.
<code>dir_excluded</code>	Character. The directories which are not included in the output.
<code>dir_to</code>	Character. The path of the output directory.
<code>dir_quiet</code>	Logical. Whether to display the results of generated directories.
<code>mmd_shape</code>	Character. The shape of mermaid mindmap nodes. See <a href="#">Mermaid document</a> .

widget\_name      Character. The name of the html widget.  
 widget\_width      Numeric. The width of the widget.  
 widget\_height    Numeric. The height of the widget.  
 widget\_elementId  
                     Character. The ID of teh Widget.  
 widget\_options   List. Options for the markmap widget. It should be a list passed from the  
                     markmapOption() function.

### Details

The input file type could be .md, .Rmd, .qmd, .R, .mm, .pdf, .docx, .html, .rtf, .odt, .epub, .tex, and any other types which pandoc can convert from. See [pandoc](#) for more details.

### Value

Desired output.

### Examples

```
mp <- mmm(input_file = system.file('examples/mindr-md.Rmd', package = 'mindr'))
mp
# See the vignette for more examples:
vignette('mindr', package = 'mindr')
```

---

outline

*Extract headings of (R) Markdown-syntax text as an outline*

---

### Description

Extract headings of (R) Markdown-syntax text as an outline

### Usage

```
outline(
  from,
  md_list = FALSE,
  md_eq = FALSE,
  md_braces = FALSE,
  md_bookdown = FALSE,
  md_maxlevel = ""
)
```

**Arguments**

from	Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.
md_list	Logical. whether to process lists like headings in the Markdown input.
md_eq	Logical. Whether to include LaTeX equations in the Markdown input when converted to other formats.
md_braces	Logical. Whether to remove <b>#ID</b> in the headings of the markdown file (usually in a <b>bookdown</b> > project.
md_bookdown	Logical. Whether the R Markdown syntax text is in bookdown style, i.e. # (PART), # (APPENDIX), and # References as an upper level of the Level 1 heading.
md_maxlevel	Integer or ". The maximum level of the markdown headings that are displayed in the mind map.

**Value**

Character, showing the outline.

---

outline_pdf	<i>Extract the outline from pdf toc, and output as Markdown</i>
-------------	---

---

**Description**

Extract the outline from pdf toc, and output as Markdown

**Usage**

```
outline_pdf(input_toc)
```

**Arguments**

input_toc	Character. The table of contents (TOC) of a pdf file, extracted by pdf tools: :pdf_toc().
-----------	---

**Value**

Character, showing the TOC in Markdown.

---

**r2dir***Generate hierarchical directories according to the outline of R code*

---

**Description**

Generate hierarchical directories according to the outline of R code

**Usage**

```
r2dir(  
  from = NA,  
  dir_to = NA,  
  md_list = FALSE,  
  md_bookdown = TRUE,  
  dir_quiet = FALSE  
)
```

**Arguments**

from	Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.
dir_to	Character. The path of the output directory.
md_list	Logical. whether to process lists like headings in the Markdown input.
md_bookdown	Logical. Whether the R Markdown syntax text is in bookdown style, i.e. # (PART), # (APPENDIX), and #References as an upper level of the Level 1 heading.
dir_quiet	Logical. Whether to display the results of generated directories.

**Value**

Directory generated.

---

**r2md***Convert R code into (R) Markdown-syntax text*

---

**Description**

Convert R code into (R) Markdown-syntax text

**Usage**

```
r2md(from = NA)
```

**Arguments**

`from` Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.

**Value**

R markdown-syntax text.

---

r2mm	<i>Convert R code into FreeMind mind map code</i>
------	---

---

**Description**

Convert R code into FreeMind mind map code

**Usage**

```
r2mm(
  from = NA,
  root = NA,
  md_list = FALSE,
  md_braces = FALSE,
  md_bookdown = FALSE,
  md_eq = FALSE,
  md_maxlevel = ""
)
```

**Arguments**

`from` Character. The source text of the (R) Markdown syntax text, the R code, the FreeMind mind map code, or the path to the directory.

`root` Character. The string displayed as the root (center) of the mind map.

`md_list` Logical. whether to process lists like headings in the Markdown input.

`md_braces` Logical. Whether to remove **#ID** in the headings of the markdown file (usually in a **bookdown**> project).

`md_bookdown` Logical. Whether the R Markdown syntax text is in bookdown style, i.e. # (PART), # (APPENDIX), and #References as an upper level of the Level 1 heading.

`md_eq` Logical. Whether to include LaTeX equations in the Markdown input when converted to other formats.

`md_maxlevel` Integer or ". The maximum level of the markdown headings that are displayed in the mind map.

**Value**

Character, FreeMind mind map code.

---

`rmvcode`*Check whether a digital number is within a given range*

---

**Description**

Check whether a digital number is within a given range

**Usage**

```
rmvcode(index, loc)
```

**Arguments**

<code>index</code>	integer. a row number in a markdown file
<code>loc</code>	integer vector. the row numbers of the code block indicator, e.g. triple backsticks

**Value**

logical.

# Index

[dir2md](#), [2](#)  
[dir2mm](#), [3](#)  
[dir2r](#), [4](#)  
  
[filterNULL](#), [5](#)  
  
[get\\_eqloc](#), [5](#)  
[get\\_filename\\_ext](#), [6](#)  
[get\\_mmdshape](#), [6](#)  
[guess\\_type](#), [7](#)  
  
[list2heading](#), [7](#)  
  
[markmap](#), [8](#)  
[markmapOption](#), [9](#)  
[md2dir](#), [10](#)  
[md2mm](#), [11](#)  
[md2mmd](#), [12](#)  
[md2r](#), [13](#)  
[mdtxt2mmtxt](#), [13](#)  
[mm](#), [14](#)  
[mm2dir](#), [16](#)  
[mm2md](#), [16](#)  
[mm2r](#), [17](#)  
[mmm](#), [17](#)  
  
[outline](#), [19](#)  
[outline\\_pdf](#), [20](#)  
  
[r2dir](#), [21](#)  
[r2md](#), [21](#)  
[r2mm](#), [22](#)  
[rmvcode](#), [23](#)