

# Package ‘pandoc’

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**Title** Manage and Run Universal Converter 'Pandoc' from 'R'

**Version** 0.2.0

**Description** Provides a set of tools to install, manage and run several 'Pandoc' versions.

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**URL** <https://github.com/cderv/pandoc>, <https://cderv.github.io/pandoc/>

**BugReports** <https://github.com/cderv/pandoc/issues>

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pandoc_activate	<i>Activate a specific Pandoc version to be used</i>
-----------------	--

---

## **Description**

This function will set the specified version as the default version for the session. By default, the default active version in the most recent one among the installed version (nightly version excluded.)

## **Usage**

```
pandoc_activate(
  version = "latest",
  rmarkdown = getOption("pandoc.activate_rmarkdown", TRUE),
  quiet = FALSE
)
```

**Arguments**

version	This can be either: <ul style="list-style-type: none"> <li>• "latest" for the latest release</li> <li>• A version number (e.g "2.11.4") for a specific version</li> <li>• "nightly" for the last pandoc development built daily</li> </ul>
rmarkdown	if TRUE (the default) and <b>rmarkdown</b> is available, this will also set the pandoc version as the default one to use with <b>rmarkdown</b> by calling <code>rmarkdown::find_pandoc()</code> . Default behavior can be changed globally by setting option <code>pandoc.activate_rmarkdown</code> .
quiet	TRUE to suppress messages.

**Value**

invisibly, the previous active version.

**Special behavior in an interactive session**

If the version to activate is not yet installed, the user will be prompted to choose to install the version.

**Default active version**

When the package is loaded, an active version is set to the first Pandoc binary found between:

- the latest Pandoc version installed with this package (e.g "2.14.2")
- the version shipped with RStudio IDE. (`version = "rstudio"`)
- a version available in PATH (`version = "system"`)

**Examples**

```
# activate version 2.18, including for use with rmarkdown package
pandoc_activate("2.18")

# activate only for this package functions and not rmarkdown
pandoc_activate("2.18", rmarkdown = FALSE)
```

---

pandoc\_available      *Check if active Pandoc version meet a requirement*

---

**Description**

This function allows to test if an active Pandoc version meets a min, max or in between requirement. See `pandoc_activate()` about active version.

**Usage**

```
pandoc_available(min = NULL, max = NULL)
```

**Arguments**

min	Minimum version expected.
max	Maximum version expected

**Details**

If min and max are provided, this will check the active version is in-between two versions. If non is provided (keeping the default NULL for both), it will check for an active version and return FALSE if none is active.

**Value**

logical. TRUE if requirement is met, FALSE otherwise.

**Examples**

```
# Is there an active version available ?
pandoc_available()
# check for a minimum requirement
pandoc_available(min = "2.11")
# check for a maximum version
pandoc_available(max = "2.18")
# only returns TRUE if Pandoc version is between two bounds
pandoc_available(min = "2.11", max = "2.12")
```

---

pandoc\_available\_releases

*Fetch all versions available to install*

---

**Description**

This function will fetch information from Github <https://github.com/jgm/pandoc> about available Pandoc versions released.

**Usage**

```
pandoc_available_releases()
```

**Value**

character vector of all available release.

**See Also**

[pandoc\\_install\(\)](#), [pandoc\\_installed\\_versions\(\)](#)

**Examples**

---

pandoc_bin	<i>Get path to the pandoc binary</i>
------------	--------------------------------------

---

## Description

Get path to the pandoc binary

## Usage

```
pandoc_bin(version = "default")
```

```
pandoc_bin_browse(version = "default")
```

## Arguments

version	Version to use. Default will be the "default" version. Other possible value are <ul style="list-style-type: none"><li>• A version number e.g "2.14.1"</li><li>• The nightly version called "nightly"</li><li>• The latest installed version with "latest"</li><li>• Pandoc binary shipped with RStudio IDE with "rstudio"</li><li>• Pandoc binary found in PATH with "system"</li></ul>
---------	---

## Details

`pandoc_bin_browse()` allows to open in OS explorer the folder where `pandoc_bin()` is at, when in interactive mode only.

## Value

Absolute path to the pandoc binary of the requested version.

## Examples

```
pandoc_bin()  
pandoc_bin("2.18")  
pandoc_bin("nightly")  
pandoc_bin("rstudio")  
pandoc_bin("system")  
pandoc_bin_browse("2.18")
```

---

pandoc\_browse\_citation

*Open Pandoc's documentation about citation processing*

---

**Description**

Open Pandoc's documentation about citation processing

**Usage**

pandoc\_browse\_citation()

**Value**

Open the webpage at the place regarding citation processing in Pandoc.

**Examples**

pandoc\_browse\_citation()

---

pandoc\_browse\_exit\_code

*Open Pandoc's documentation about exit codes*

---

**Description**

Open Pandoc's documentation about exit codes

**Usage**

pandoc\_browse\_exit\_code()

**Value**

Open the webpage at the place regarding exit code thrown by Pandoc.

**Examples**

pandoc\_browse\_exit\_code()

---

pandoc\_browse\_extension

*Open Pandoc's documentation about an extension*

---

### Description

Open Pandoc's documentation about an extension

### Usage

```
pandoc_browse_extension(extension = NULL)
```

### Arguments

`extension` One of the supported extension. See [pandoc\\_list\\_extensions\(\)](#). As the Pandoc MANUAL only concerns the last released Pandoc's version, if the URL is incorrect this could mean the extensions has changed.

### Value

Open the webpage at the place regarding the required extension.

### Examples

```
pandoc_browse_extension()  
pandoc_browse_extension("auto_identifiers")
```

---

pandoc\_browse\_manual *Open Pandoc's MANUAL*

---

### Description

Open Pandoc's MANUAL

### Usage

```
pandoc_browse_manual(id = NULL)
```

### Arguments

`id` One of the id available in the HTML page (usually for anchor link).

### Value

Open the Pandoc's MANUAL

## References

<https://pandoc.org/MANUAL.html>

## Examples

```
# open MANUAL home page
pandoc_browse_manual()
# open MANUAL at math part
pandoc_browse_manual("math")
```

---

pandoc\_browse\_option *Open Pandoc's documentation about a command line option*

---

## Description

Open Pandoc's documentation about a command line option

## Usage

```
pandoc_browse_option(option = NULL)
```

## Arguments

option	One of the supported <b>long form</b> command line option. As the Pandoc MANUAL only concerns the last released Pandoc's version, if the URL is incorrect this could mean the option has changed.
--------	---

## Value

Open the webpage at the place regarding the required option

## Examples

```
pandoc_browse_option()
pandoc_browse_option("embed-resources")
```



---

pandoc\_browse\_release *Open Pandoc's release page in browser*

---

**Description**

Open Pandoc's release page in browser

**Usage**

```
pandoc_browse_release(version = "latest")
```

**Arguments**

version            One of pandoc release version number (e.g '2.11.2') or "latest".

**Value**

Open the web page in browser in interactive mode or print the url

**References**

<https://github.com/jgm/pandoc/releases>

**Examples**

```
pandoc_browse_release()  
pandoc_browse_release("2.14")
```

---

pandoc\_citeproc\_bin *Get path to the pandoc-citeproc binary.*

---

**Description**

This function will return the path to pandoc-citeproc if available. It will only work with version of Pandoc installed by this package.

**Usage**

```
pandoc_citeproc_bin(version = "default")
```

## Arguments

- version            Version to use. Default will be the "default" version. Other possible values are
- A version number e.g "2.14.1"
  - The nightly version called "nightly"
  - The latest installed version with "latest"
  - Pandoc binary shipped with RStudio IDE with "rstudio"
  - Pandoc binary found in PATH with "system"

## Value

the path to pandoc-citeproc binary if it exists. Since Pandoc 2.11, the citeproc filter has been included into Pandoc itself and is no more shipped as a binary filter.

## Examples

```
# Look into current active version
pandoc_citeproc_bin()
```

```
# Look into a specific version
pandoc_citeproc_bin("2.9.2")
```

---

pandoc\_convert

*Run Pandoc to convert a document or a text*

---

## Description

Main usage of Pandoc is to convert some text from a format into another. This function will do just that:

- converting from a file or directly from text
- writing to a file or directly to console

## Usage

```
pandoc_convert(  
  file = NULL,  
  text = NULL,  
  from = "markdown",  
  to,  
  output = NULL,  
  standalone = FALSE,  
  args = c(),  
  version = "default"  
)
```

**Arguments**

file, text	One or the other should be provided
from	Format to convert from. This must be one of the format supported by Pandoc. Default will be markdown. This correspond to the <b>-from/-f CLI flag</b>
to	Format to convert to. This must be one of the format supported by Pandoc. This correspond to the <b>-to/-t CLI flag</b> .
output	Pass a path to a file to write the result from Pandoc conversion into a file. This corresponds to the <b>-output/-o flag</b>
standalone	Should appropriate header and footer be included ? This corresponds to <b>-standalone/-s CLI flag</b>
args	Any other flag supported by Pandoc CLI. See <a href="https://pandoc.org/MANUAL.html#options">https://pandoc.org/MANUAL.html#options</a>
version	Version to use. Default will be the "default" version. Other possible value are <ul style="list-style-type: none"> <li>• A version number e.g "2.14.1"</li> <li>• The nightly version called "nightly"</li> <li>• The latest installed version with "latest"</li> <li>• Pandoc binary shipped with RStudio IDE with "rstudio"</li> <li>• Pandoc binary found in PATH with "system"</li> </ul>

**Value**

output is provided, the absolute file path. If not, the output of pandoc binary run.

**Examples**

```
pandoc::pandoc_convert(text = "_This will be emphasize_", to = "latex")
```

```
pandoc::pandoc_convert(text = "**This will be bold**", to = "html", version = "2.11.4")
```

---

pandoc\_export\_data\_file

*Export Pandoc internal data file*

---

**Description**

This correspond to the **-print-default-data-file CLI flag** using also **--output** to write a export a data file built in Pandoc.

**Usage**

```
pandoc_export_data_file(file, output = file, version = "default")
```

```
pandoc_export_reference_doc(type = c("docx", "pptx"), version = "default")
```

**Arguments**

file	One of data file name included in Pandoc (e.g reference.pptx, styles.html)
output	Path where to export the file. Default to working directory with the same file name.
version	Version to use. Default will be the "default" version. Other possible value are <ul style="list-style-type: none"> <li>• A version number e.g "2.14.1"</li> <li>• The nightly version called "nightly"</li> <li>• The latest installed version with "latest"</li> <li>• Pandoc binary shipped with RStudio IDE with "rstudio"</li> <li>• Pandoc binary found in PATH with "system"</li> </ul>
type	one of docx or pptx depending on the reference doc to export.

**Details**

pandoc\_export\_reference\_doc() is a helper to quickly get the reference doc for Word document (reference.docx) or Powerpoint document (reference.pptx)

**Value**

the output (invisibly) where export has been done

**Examples**

```
# export style.html file included in Pandoc HTML template
pandoc_export_data_file("styles.html", output = "custom.html")
# export css file used for epub by default
pandoc_export_data_file("epub.css")
```

```
pandoc_export_reference_doc("docx")
pandoc_export_reference_doc("pptx")
```

```
pandoc_export_reference_doc("pptx", version = "2.11.4")
```

---

pandoc\_export\_highlight\_theme

*Export highlighting style as JSON file*

---

**Description**

Pandoc highlighting can be customize using a JSON .theme file, passed to **-highlight-style=flag**. This function allows to generate the JSON version of one of the supported highlighting style.

## Usage

```
pandoc_export_highlight_theme(  
  style = "pygments",  
  output = style,  
  version = "default"  
)
```

## Arguments

style	One of the support highlighting style. (See <a href="#">pandoc_list_highlight_style()</a> ).
output	Path (without extension) where to export the JSON .theme file. By default, the file will be located in working directory and named based on the parameter style (i.e <style>.theme).
version	Version to use. Default will be the "default" version. Other possible value are <ul style="list-style-type: none"><li>• A version number e.g "2.14.1"</li><li>• The nightly version called "nightly"</li><li>• The latest installed version with "latest"</li><li>• Pandoc binary shipped with RStudio IDE with "rstudio"</li><li>• Pandoc binary found in PATH with "system"</li></ul>

## Details

The .theme extension is required and it will be enforced in during the export by this function.

## Value

the filename where the theme has been exported.

## Note

This correspond to the `-print-highlight-style` CLI flag using also `--output` to write a export a data file built in Pandoc.

## Examples

```
# export tango theme used by Pandoc highlighting to `tango.theme` file  
pandoc_export_highlight_theme("tango")  
pandoc_export_highlight_theme("pygments", output = "my_theme.theme")  
pandoc_export_highlight_theme("zenburn", version = "system")
```

pandoc\_export\_template

*Retrieve Pandoc template for a format*

---

### Description

This correspond to the `-print-default-template` CLI flag. With this function, one can easily export default LaTeX template for example.

### Usage

```
pandoc_export_template(format = "markdown", output = NULL, version = "default")
```

### Arguments

format	One of Pandoc format using a text template. (e.g html, latex, revealjs)
output	Path where to save the file. If not provided, the default, template content will be print to the console.
version	Version to use. Default will be the "default" version. Other possible value are <ul style="list-style-type: none"><li>• A version number e.g "2.14.1"</li><li>• The nightly version called "nightly"</li><li>• The latest installed version with "latest"</li><li>• Pandoc binary shipped with RStudio IDE with "rstudio"</li><li>• Pandoc binary found in PATH with "system"</li></ul>

### Value

If output is not provided, the content of the template will be printed and return as one string (invisibly). If output is provided, the file path of the output (invisibly).

### Examples

```
pandoc_export_template()
```

```
pandoc_export_template("latex", output = "default.tex", version = "system")
```

---

pandoc\_install      *Install a pandoc binary for Github release page*

---

### Description

Binary releases of Pandoc are available on its release page. By default, this function will install the latest available version. `pandoc_install_nightly()` is a wrapper for `pandoc_install("nightly")`. `pandoc_update()` is an alias for `pandoc_install()` default behavior.

### Usage

```
pandoc_install(version = "latest", force = FALSE)
```

```
pandoc_update()
```

```
pandoc_install_nightly(n_last = 1L)
```

### Arguments

version	This can be either: <ul style="list-style-type: none"> <li>• "latest" for the latest release</li> <li>• A version number (e.g "2.11.4") for a specific version</li> <li>• "nightly" for the last pandoc development built daily</li> </ul>
force	To set to TRUE to force a re-installation
n_last	Set to n as integer to install the n-th from last nightly build. Default is last available build (1L)

### Details

Pandoc versions are installed in user data directories with one folder per version. See [pandoc\\_locate\(\)](#).

Only one nightly version is available at a time as there should be no need to switch between them. The latest nightly will be installed over the current one if any. Installing nightly version is useful for example to test a bug against the very last available built version.

### Value

Invisibly, the path where the binary is installed otherwise. NULL if already installed.

### Examples

```
# Install the latest pandoc version
pandoc_install() # or pandoc_update()
pandoc_uninstall("latest")
```

```
# Install a specific pandoc version
pandoc_install("2.11.4")
```

```
pandoc_uninstall("2.11.4")

# Install last nightly build of pandoc
pandoc_install_nightly()
pandoc_uninstall("nightly")
```

---

pandoc\_installed\_versions

*Check Pandoc versions already installed*

---

## Description

- `pandoc_installed_versions()` lists all versions already installed
- `pandoc_installed_latest()` returns the most recent installed version
- `pandoc_is_installed()` allows to check for a specific installed version

## Usage

```
pandoc_installed_versions()

pandoc_installed_latest()

pandoc_is_installed(version, error = FALSE, ask = FALSE)
```

## Arguments

version	This can be either: <ul style="list-style-type: none"><li>• "latest" for the latest release</li><li>• A version number (e.g "2.11.4") for a specific version</li><li>• "nightly" for the last pandoc development built daily</li></ul>
error	if TRUE an error will be raised if the result is FALSE
ask	if TRUE, the user will be prompt in an interactive

## Value

A character vector of installed versions or a logical for `pandoc_is_installed()`. It will return NULL is no versions are installed.

For `pandoc_is_installed()`, TRUE if only the required version is installed. If FALSE and `ask` is TRUE, the user will be prompt for installing the version.

## Examples

```
pandoc_installed_versions()
pandoc_installed_latest()
pandoc_is_installed("2.19.2")
pandoc_installed_latest()
```



---

pandoc\_is\_active      *Is a pandoc version active ?*

---

**Description**

Is a pandoc version active ?

**Usage**

```
pandoc_is_active(version)
```

**Arguments**

version      This can be either:

- "latest" for the latest release
- A version number (e.g "2.11.4") for a specific version
- "nightly" for the last pandoc development built daily

**Value**

TRUE is the version provided is currently the active one (i.e the one used when special "default" keyword is used).

**See Also**

[pandoc\\_bin\(\)](#)

**Examples**

```
# is Pandoc 2.19.2 active ?
pandoc_is_active("2.19.2")
# is it the Pandoc in PATH which is active ?
pandoc_is_active("system")
```

---

pandoc\_list\_abbreviations      *List system default abbreviations*

---

**Description**

Pandoc uses this list in the Markdown reader. Strings found in this list will be followed by a non-breaking space, and the period will not produce sentence-ending space in formats like LaTeX. The strings may not contain spaces.

**Usage**

```
pandoc_list_abbreviations(version = "default")
```

**Arguments**

version	Version to use. Default will be the "default" version. Other possible value are <ul style="list-style-type: none"> <li>• A version number e.g "2.14.1"</li> <li>• The nightly version called "nightly"</li> <li>• The latest installed version with "latest"</li> <li>• Pandoc binary shipped with RStudio IDE with "rstudio"</li> <li>• Pandoc binary found in PATH with "system"</li> </ul>
---------	---

**Details**

This correspond to the option `-abbreviations` as **CLI flag**.

**Value**

a character version of system default abbreviation known by Pandoc

**Examples**

```
pandoc_list_abbreviations()

# check abbreviations available in a specific Pandoc's version
pandoc_list_abbreviations("2.11.4")
```

---

pandoc\_list\_extensions

*List supported extensions for a format*

---

**Description**

Pandoc has a system of extensions to activate or deactivate some features. Each format have a set of activated by default extensions and other supported extensions than can be activated.

**Usage**

```
pandoc_list_extensions(format = "markdown", version = "default")
```

**Arguments**

format	One for the supported input or output formats. See <code>pandoc_list_formats()</code> . It corresponds to call
version	Version to use. Default will be the "default" version. Other possible value are <ul style="list-style-type: none"> <li>• A version number e.g "2.14.1"</li> <li>• The nightly version called "nightly"</li> <li>• The latest installed version with "latest"</li> <li>• Pandoc binary shipped with RStudio IDE with "rstudio"</li> <li>• Pandoc binary found in PATH with "system"</li> </ul>

**Details**

All the extensions for the last Pandoc version released are available in <https://pandoc.org/MANUAL.html>.

**Value**

a data.frame (or a tibble if available) with 3 columns:

- format: One of the Pandoc format
- extensions : name of the extensions
- default: Is the extensions activated by default or not ?

**Examples**

```
pandoc_list_extensions("markdown")
pandoc_list_extensions("gfm")

# target a specific version
pandoc_list_extensions("html", version = "system")
```

---

`pandoc_list_formats`    *List available supported formats*

---

**Description**

List available supported formats

**Usage**

```
pandoc_list_formats(type = c("input", "output"), version = "default")
```

## Arguments

type	Either list input or output formats. It corresponds to call <code>--list-input-formats</code> and <code>--list-output-formats</code> respectively.
version	Version to use. Default will be the "default" version. Other possible value are <ul style="list-style-type: none"><li>• A version number e.g "2.14.1"</li><li>• The nightly version called "nightly"</li><li>• The latest installed version with "latest"</li><li>• Pandoc binary shipped with RStudio IDE with "rstudio"</li><li>• Pandoc binary found in PATH with "system"</li></ul>

## Value

a data.frame (or a tibble if available) with 2 column:

- type (input or output)
- formats (name of the formats that can be used as input or output)

## Examples

```
# which input formats are available
pandoc_list_formats()
# which output formats are available
pandoc_list_formats()

# target a specific version
pandoc_list_formats("input", version = "system")
```

---

```
pandoc_list_highlight_languages
```

*List supported languages for Pandoc syntax highlighting*

---

## Description

This function is useful to retrieve the supported languages by Pandoc's syntax highlighter. These are the values that can be used as fenced code attributes to trigger the highlighting of the block for the requested language. See [fenced\\_code\\_attributes\\_extensions\\_flag](#).

## Usage

```
pandoc_list_highlight_languages(version = "default")
```

**Arguments**

- |         |   |
|---------|---|
| version | Version to use. Default will be the "default" version. Other possible value are <ul style="list-style-type: none"> <li>• A version number e.g "2.14.1"</li> <li>• The nightly version called "nightly"</li> <li>• The latest installed version with "latest"</li> <li>• Pandoc binary shipped with RStudio IDE with "rstudio"</li> <li>• Pandoc binary found in PATH with "system"</li> </ul> |
|---------|---|

**Value**

a character vector of supported languages to use as fenced code attributes.

**Examples**

```
pandoc_list_highlight_languages()

# check languages available in a specific Pandoc's version
pandoc_list_highlight_languages("2.11.4")
```

---

pandoc\_list\_highlight\_style

*List supported styles for Pandoc syntax highlighting*

---

**Description**

Pandoc includes a highlighter which offer a styling mechanism to specify the coloring style to be used in highlighted source code. This function returns the supported values which can be specify at pandoc command line using the `-highlight-style= flag`.

**Usage**

```
pandoc_list_highlight_style(version = "default")
```

**Arguments**

- |         |   |
|---------|---|
| version | Version to use. Default will be the "default" version. Other possible value are <ul style="list-style-type: none"> <li>• A version number e.g "2.14.1"</li> <li>• The nightly version called "nightly"</li> <li>• The latest installed version with "latest"</li> <li>• Pandoc binary shipped with RStudio IDE with "rstudio"</li> <li>• Pandoc binary found in PATH with "system"</li> </ul> |
|---------|---|

**Value**

a character vector of supported highlighting style name to use.

## Examples

```
pandoc_list_highlight_style()

# check style available in a specific Pandoc's version
pandoc_list_highlight_style("2.11.4")
```

---

pandoc_locate	<i>Locate a specific Pandoc version installed with this package</i>
---------------	---

---

## Description

This package helps install and manage Pandoc binaries in a specific folder. This function helps with finding the path to those specific versions of Pandoc. See [pandoc\\_bin\(\)](#) for another way of getting paths to pandoc binaries

## Usage

```
pandoc_locate(version = "default")
```

## Arguments

version	Version to use. Default will be the "default" version. Other possible value are <ul style="list-style-type: none"><li>• A version number e.g "2.14.1"</li><li>• The nightly version called "nightly"</li><li>• The latest installed version with "latest"</li><li>• Pandoc binary shipped with RStudio IDE with "rstudio"</li><li>• Pandoc binary found in PATH with "system"</li></ul>
---------	---

## Value

Path of Pandoc binaries root folder if version is available.

## See Also

[pandoc\\_install\(\)](#)

## Examples

```
# where is the default active version located ?
pandoc_locate()

pandoc::pandoc_is_installed("2.11.4")
# where is a specific installed version located
pandoc_locate("2.11.4")
# return root folder of installed versions
pandoc_locate(NULL)
```

---

pandoc_run	<i>Run the pandoc binary from R</i>
------------	-------------------------------------

---

**Description**

This function is a thin wrapper around the pandoc binary and allow to pass any arguments supported by the Pandoc binary.

**Usage**

```
pandoc_run(args, version = "default")
```

**Arguments**

args	Character vector, arguments to the pandoc CLI command
version	Version to use. Default will be the "default" version. Other possible value are <ul style="list-style-type: none"><li>• A version number e.g "2.14.1"</li><li>• The nightly version called "nightly"</li><li>• The latest installed version with "latest"</li><li>• Pandoc binary shipped with RStudio IDE with "rstudio"</li><li>• Pandoc binary found in PATH with "system"</li></ul>

**Value**

The output of running pandoc binary

**Examples**

```
# Run any command line argument (prefer `pandoc_convert()` for conversion )
pandoc::pandoc_run(c("--version"))
```

```
pandoc::pandoc_run(c("--list-input-formats"), version = "system")
```

---

pandoc_uninstall	<i>Uninstall a Pandoc version</i>
------------------	-----------------------------------

---

**Description**

You can run `pandoc_installed_versions()` to see which versions are currently installed on the system.

**Usage**

```
pandoc_uninstall(version)
```

**Arguments**

version            which version to uninstalled.

**Value**

TRUE (invisibly) if uninstalling is successful.

**See Also**

[pandoc\\_install\(\)](#)

**Examples**

```
pandoc_install("2.19.2")
pandoc_is_installed("2.19.2")
pandoc_uninstall("2.19.2")
```

---

pandoc_version	<i>Get Pandoc version</i>
----------------	---------------------------

---

**Description**

This is calling `pandoc --version` to retrieve the version of Pandoc used. A special treatment is done for *nightly* version as Pandoc project does not use a development version scheme between released versions. This function will add a `.9999` suffix to the version reported by Pandoc.

**Usage**

```
pandoc_version(version = "default")
```

**Arguments**

version            Version to use. Default will be the "default" version. Other possible value are

- A version number e.g "2.14.1"
- The nightly version called "nightly"
- The latest installed version with "latest"
- Pandoc binary shipped with RStudio IDE with "rstudio"
- Pandoc binary found in PATH with "system"

**Value**

The version number for pandoc binary as a `base::numeric_version()` object.



## Examples

```
pandoc::pandoc_version()
```

```
pandoc::pandoc_version(version = "system")
```

---

<code>rstudio_pandoc</code>	<i>Retrieve path and version of Pandoc shipped with RStudio</i>
-----------------------------	---

---

## Description

RStudio IDE ships with a pandoc binary. The path is stored in `RSTUDIO_PANDOC` environment variable. These function are helper to easily use this specific version.

## Usage

```
pandoc_rstudio_version()
```

```
pandoc_rstudio_bin()
```

## Value

`pandoc_rstudio_version()` returns the version number for pandoc binary used by RStudio IDE as a `base::numeric_version()` object.

`pandoc_system_bin()` returns absolute path to the pandoc binary used by RStudio IDE.

## See Also

[pandoc\\_version\(\)](#), [pandoc\\_bin\(\)](#)

## Examples

```
pandoc_rstudio_bin()
```

---

system_pandoc	<i>Retrieve path and version of Pandoc found on the system PATH</i>
---------------	---

---

**Description**

Pandoc can also be installed on a system and available through the PATH. These function are helper to easily use this specific version.

**Usage**

```
pandoc_system_version()
```

```
pandoc_system_bin()
```

**Value**

pandoc\_system\_version() returns the version number for pandoc binary found in PATH as a `base::numeric_version()` object.

pandoc\_system\_bin() returns absolute path to the pandoc binary found in PATH.

**See Also**

[pandoc\\_version\(\)](#), [pandoc\\_bin\(\)](#)

**Examples**

```
pandoc_system_bin()
```

---

with_pandoc_version	<i>Execute any code with a specific Pandoc version</i>
---------------------	--

---

**Description**

This function allows to run any R code by changing the active pandoc version to use without modifying the R session state.

**Usage**

```
with_pandoc_version(  
  version,  
  code,  
  rmarkdown = getOption("pandoc.activate_rmarkdown", TRUE)  
)
```

```
local_pandoc_version(  
  version,  
  code,  
  rmarkdown = getOption("pandoc.activate_rmarkdown", TRUE)  
)
```

```

    version,
    rmarkdown = getOption("pandoc.activate_rmarkdown", TRUE),
    .local_envir = parent.frame()
  )

```

### Arguments

version	This can be either: <ul style="list-style-type: none"> <li>• "latest" for the latest release</li> <li>• A version number (e.g "2.11.4") for a specific version</li> <li>• "nightly" for the last pandoc development built daily</li> </ul>
code	Code to execute with the temporary active Pandoc version.
rmarkdown	if TRUE (the default) and <b>rmarkdown</b> is available, this will also set the pandoc version as the default one to use with <b>rmarkdown</b> by calling <code>rmarkdown::find_pandoc()</code> . Default behavior can be changed globally by setting option <code>pandoc.activate_rmarkdown</code> .
.local_envir	The environment to use for scoping.

### Details

This is inspired from **withr** package.

### Value

The results of the evaluation of the code argument.

### Examples

```

# Run with pandoc without activating the version for rmarkdown::render()
with_pandoc_version("system",
  pandoc_bin(),
  rmarkdown = FALSE
)

```

```

with_pandoc_version("2.11.4", rmarkdown::find_pandoc(), rmarkdown = TRUE)

```

```

local({
  local_pandoc_version("2.11.4")
  pandoc::pandoc_locate()
  rmarkdown::find_pandoc()
})
rmarkdown::find_pandoc()

```

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