

# BloomR Rmd Functions

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## BloomR Rmd functions

### br.md2pdf

#### Description

Make a markdown file into a PDF It assumes that you have installed the proper BloomR version.

#### Usage

```
br.md2pdf(md.file, pdf.file)
```

#### Arguments

**md.file** path to the markdown file to be converted.

**pdf.file** path to the PDF file to be generated. If missing, change extension of rmd.file to pdf.

**quiet** FALSE to show the system PATH variable.

#### Details

Stop with an error if you have not installed proper BloomR version.

#### Value

If there are no errors, it returns zero invisibly, otherwise it prints an error message and returns the related error code.

### br.rmd2html

#### Description

Make an R markdown file into a HTML.

## Usage

```
br.rmd2html(rmd.file, html.file, quiet=TRUE)
```

## Arguments

**rmd.file** path to the R markdown file to be converted.

**html.file** path to the HTML file to be generated. If missing, change extension of **rmd.file** to **html**.

**quiet** FALSE to show the system PATH variable and intermediate files.

## Details

You need BloomR LaTeX addons or the proper BloomR version.

## Value

If there are no errors, it returns invisibly the absolute path of the output file.

## br.rmd2slides

### Description

**br.rmd2slides.html()** makes an R Markdown file into a Google Slides self-contained HTML file.

**br.rmd2slides.pdf()** makes an R Markdown file into a Beamer PDF.

**br.rmd2slides()** makes both a self-contained HTML file and a Beamer PDF.

**highlight.styles()** print the list of available syntax highlight styles.

## Usage

```
br.rmd2slides(rmd.file, theme = "AnnArbor", highlight = "tango", quiet = TRUE)
```

```
br.rmd2slides.html(rmd.file, html.file, quiet=TRUE)
```

```
br.rmd2slides.pdf(rmd.file, pdf.file, theme = "AnnArbor", highlight = "tango", quiet = TRUE){
```

```
highlight.styles()
}
```

## Arguments

**rmd.file** path to the R markdown file to be converted.

**theme** A Beamer theme

**highlight** A syntax highlight style. Use **highlight.styles()** to list them.

**html.file** path to the HTML file to be generated. If missing, we change the extension of **rmd.file** to **“html”**.

**pdf.file** path to the PDF file to be generated. If missing, we change the extension of **rmd.file** to **“pdf”**.

**quiet** FALSE to show the system PATH variable and intermediate files.

## Details

You need the proper BloomR edition. The output filename for **br.rmd2slides()** is automatically generated by changing the **rmd.file** file extension.

To represent the slide structure in an Rmd, you use the following pattern:

```
---
title: "Your Presentation Title"
author: "Your Name"
date: "A date description"
---
```

```
## Slide 1
```

```
This is the content for slide 1.
```

```
## Slide 2
```

```
This is the content for slide 2.
```

```
etc.
```

Then you can proceed as usual to add R code chunks.

## Value

If there are no errors, it returns invisibly the absolute path of the output file.

## br.rmd2pdf

### Description

Make an R markdown file into a PDF.

### Usage

```
br.rmd2pdf(rmd.file, pdf.file, quiet=TRUE)
```

### Arguments

**rmd.file** path to the R markdown file to be converted.

**pdf.file** path to the PDF file to be generated. If missing, change extension of rmd.file to pdf.

**quiet** FALSE to show the system PATH variable and intermediate files.

### Details

You need BloomR LaTeX addons or the proper BloomR version.

### Value

If there are no errors, it returns invisibly the absolute path of the output file.

## br.rmd2both

### Description

Make an R Markdown file into a PDF and an HTML self-contained file

### Usage

```
br.rmd2both(rmd.file, out.dir, quiet=TRUE)
```

### Arguments

**rmd.file** path to the R markdown file to be converted.

**out.dir** directory of the output files. If missing, use `dirname(rmd.file)`.

**quiet** FALSE to show the system PATH variable and intermediate files.

## Details

You need BloomR LaTeX addons or the proper BloomR version.

## Value

If there are no errors, it returns invisibly the absolute path of the output file.

## Misc functions

### Description

`rm.all` deletes all objects (variables and functions) from memory, including invisible objects (those starting with a dot). `rm.var` deletes non-function objects from memory.

### Usage

```
rm.all()  
rm.var()
```

## Beta functionalities

### Description

Activate beta functionalities, if available for this release.

### Usage

```
br.beta()
```