Package 'EasyHTMLReport'

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Type Package

Title EasyHTMLReport

Version 0.1.1

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Description It is a package that can be used to send HTML reports easily.

License GPL-2

Depends base64enc,markdown,knitr(>= 0.7),

Imports ggplot2,scales,xtable,reshape2

NeedsCompilation no

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EasyHTMLReport-package

Easy HTML-Mail Report

Description

It is a package that can be used to send HTML reports easily.

Details

Package:	EasyHTMLReport
Type:	Package
Version:	0.1.0
Date:	2013-08-11
License:	GPL-2

Author(s)

Yohei Sato <yohei0511@gmail.com>

Examples

```
## Not run:
rmd.file <- "sample.Rmd"
mail.from <- "yokkuns@tkul.jp"
mail.to <- "yokkuns@tkul.jp"
mail.subject <- "Easy HTML Report"
easyHtmlReport(rmd.file,mail.from,mail.to,mail.subject)

## End(Not run)
```

---

easyHtmlReport	*Easy to send HTML reports.*

Description

Send HTML mail from Rmd file

Usage

```
easyHtmlReport(rmd.file, from, to, subject, headers = list(), control = list(),
markdown.options = c("hard_wrap", "use_xhtml", "smartypants"),
stylesheet = "",echo.disable=TRUE,is.debug=F)
```

Arguments

rmd.file	R Markdown file.
from	mail from.
to	mail to.
subject	mail subject.
headers	mail headers.
control	mail control.

markdown.options	markdownToHTML options.
stylesheet	stylesheet file.
echo.disable	if echo.disable=TRUE, to set the "echo=FALSE" and "message=FALSE"
is.debug	if is.debug==TRUE, Do not send mail.

Value

None

Author(s)

Yohei Sato

See Also

sendmailR::sendmail,markdown::markdownToHTML

Examples

```
## Not run:
rmd.file <- "sample.Rmd"
mail.from <- "yokkuns@tkul.jp"
mail.to <- "yokkuns@tkul.jp"
mail.subject <- "Easy HTML Report"
easyHtmlReport(rmd.file,mail.from,mail.to,mail.subject)

## End(Not run)
```

---

sendmailEx	*Extended version sendmailR::sendmail*

Description

It is a function that extends the sendmailR :: sendmail. It is to be able to and can set the "content type" to "header" and send it to multiple destinations.

Usage

```
sendmailEx(from, to, subject, msg, headers = list(),
  control = list(),is.debug=F)
```

Arguments

`from`	From whom the mail message is (RFC2822 style address).
`to`	Recipient of the message (valid RFC2822 style address).
`subject`	Subject line of message.
`msg`	Body text of message or a list containing sendmailR::mime_part objects.
`headers`	Any other headers to include.
`control`	List of SMTP server settings. Valid values are the possible options for send-mailR::sendmail_options.
`is.debug`	debug flag. If TRUE, not send mail.

Examples

```
## Not run:
from <- sprintf("<sendmailR@\\%s>", Sys.info()[4])
to <- "<olafm@datensplitter.net>"
subject <- "Hello from R"
body <- list("It works!", mime_part(iris))
sendmail(from, to, subject, body,
         control=list(smtpServer="ASPMX.L.GOOGLE.COM"))

## End(Not run)
```

---

simpleHtmlReport   *simple html report*

Description

send a simple email report from data.frame

Usage

```
simpleHtmlReport(report.name, mail.from, mail.to, subject, report.data,
                 rmd.header=simpleRmdHeader,rmd.footer=simpleRmdFooter)
```

Arguments

`report.name`	report name
`mail.from`	mail from
`mail.to`	mail to
`subject`	mail subject
`report.data`	report data list.
`rmd.header`	Generating function in the header of the Rmd
`rmd.footer`	Generating function in the footer of the Rmd

Details

report.data can specify the following:

data data.frame

id Column name that is the ID. default is id

variable Column name that is the variable. default is variable

value Column name that is the value. default is value

graph.text Text to be inserted just before the graph. default is "Graph:"

fig.width figure width. default is 8

fig.height figure height. default is 4

position graph position.

graph.rmd.func Generating function in the graph of the Rmd. default is simpleRmdGraphDate-Line

table.text Text to be inserted just before the table. default is "Table:"

table.rmd.func Generating function in the graph of the Rmd. default is simpleRmdXtableTail

Value

None

Examples

```
## Not run:
A <- data.frame(id=c("2013-08-01","2013-08-02","2013-08-03",
                     "2013-08-04","2013-08-05"),
                variable="A",
                value=c(100,123,130,125,140))
B <- data.frame(id=c("2013-08-01","2013-08-02","2013-08-03",
                     "2013-08-04","2013-08-05"),
                variable="B",
                value=c(90,100,120,140,110))
C <- data.frame(id=c("2013-08-01","2013-08-02","2013-08-03",
                     "2013-08-04","2013-08-05"),
                variable="C",
                value=c(150,130,150,160,150))

data1 <- rbind(A,B,C)

set.seed(2)
data2 <- data1
data2$value <- data2$value*100 + rnorm(nrow(data2),0,100)

set.seed(4)
data3 <- data1
data3$value <- data2$value*100 + rnorm(nrow(data2),0,50)

simpleHtmlReport("Simple HTML Report",
                 "yokkuns@localhost",
```

```
                "yohei0511@gmail.com",
                "simpleHtmlReport Test",
                report.data=list(
                    "Report1" = list(data=data1),
                    "Report2" = list(data=data2),
                    "Report3" = list(data=data3)
                ))

## End(Not run)
```

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