Package 'rwfec'

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Type Package

Title R Wireless, Forward Error Correction

Version 0.2

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Description Communications simulation package supporting forward error correction.

Depends R (>= 3.1)

License GPL (>= 2)

LazyData TRUE

Imports Rcpp (>= 0.11.6)

LinkingTo Rcpp

NeedsCompilation yes

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Repository CRAN

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R topics documented:

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hello	*Hello, World!*

Description

Prints 'Hello, world!'.

Usage

```
hello()
```

Examples

```
hello()
```

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rcpp_hello	*Hello, Rcpp!*

Description

Returns an R `list` containing the character vector `c("foo", "bar")` and the numeric vector `c(0, 1)`.

Usage

```
rcpp_hello()
```

Examples

```
rcpp_hello()
```

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sinc	*sinc*

Description

sinc(x) = 1 at x = 0, sinc(x) = sin(x)/x for x != 0

Usage

```
sinc(x)
```

Arguments

x   - input vector

Value

Response (Double, Numeric vector) of the sinc function applied to the input vector x.

Examples

```
x <- seq(-6*pi, 6*pi, by = pi/10)
p <- sinc(x)
plot(x/pi,p,ylim=c(-0.3,1.1), pch=19, cex=0.25, ylab="p", xlab="x*pi", type="l")
grid( col = "grey50", lty = "dotted")
```

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