



**R topics documented:**

dec_two . . . . .	2
getGeneExpressionFromGEO . . . . .	2
readUrl . . . . .	3

<b>Index</b>	<b>4</b>
--------------	----------

---

dec_two	<i>Function that returns numeric values with 2 decimal numbers.</i>
---------	---

---

**Description**

Function that returns numeric values with 2 decimal numbers.

**Usage**

```
dec_two(x)
```

**Arguments**

x                   input numeric value with N decimal numbers.

**Value**

a numeric value with 2 decimal numbers.

**Examples**

```
aaa <- dec_two(8.31232)
```

---

getGeneExpressionFromGEO	<i>Function that reads in the GEO code of a dataset, and returns the gene expression dataframe.</i>
--------------------------	---

---

**Description**

Function that reads in the GEO code of a dataset, and returns the gene expression dataframe.

**Usage**

```
getGeneExpressionFromGEO(datasetGeoCode, retrieveGeneSymbols, verbose = FALSE)
```

**Arguments**

datasetGeoCode the GEO code of a dataset.  
retrieveGeneSymbols a boolean flag stating if the function should retrieve the gene symbols or not.  
verbose a boolean flag stating if helping messages should be printed or not

**Value**

a gene expression dataset.

**Examples**

```
geneExpressionDF1 <- getGeneExpressionFromGEO("GSE3268", FALSE, FALSE)
```

---

readUrl	<i>Function that reads in a URL to check and verifies if it exists (function written by Janko Thyson @rappster and taken from <a href="https://stackoverflow.com/a/12195574">https://stackoverflow.com/a/12195574</a> )</i>
---------	---

---

**Description**

Function that reads in a URL to check and verifies if it exists (function written by Janko Thyson @rappster and taken from <https://stackoverflow.com/a/12195574> )

**Usage**

```
readUrl(url)
```

**Arguments**

url the URL of a webpage

**Value**

the output of a webpage verification check

**Examples**

```
y <- readUrl("http://stat.ethz.ch/R-manual/R-devel/library/base/html/connections.html")
```

# Index

`dec_two`, [2](#)

`getGeneExpressionFromGEO`, [2](#)

`readUrl`, [3](#)