

# Package ‘rLims’

January 15, 2014

**Type** Package

**Title** retrieve information stored in www.mylims.org spectroscopic database

**Version** 1.0

**Date** 2013-12-08

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**Description** www.mylims.org is a databse of spectroscopica data (NMR, MS, IR,GC-MS, etc.) that can be fed directly from Bruker machines. This package allows to create dataset from data stored in the database for further analysis.

**License** GPL-3

**Depends** R (>= 2.7.0), rjson

## R topics documented:

rLims-package . . . . .	1
lims . . . . .	2
urlList . . . . .	3

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

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rLims-package	<i>rLims</i>
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## Description

retrieve entry from www.mylims.org database

## Details

Package: lims  
Type: Package  
Version: 1.0  
Date: 2013-12-09  
License: Unlimited

Enjoy and share!

### Author(s)

Julien Wist <julien.wist@gmail.com>

### References

Literature or other references for background information

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lims	<i>retrieve spectra from www.mylims.org database</i>
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### Description

retrieve a set of spectra from www.mylims.org database, chosen by experiment names.

### Usage

```
lims(urlList, experimentList)
```

### Arguments

urlList	A list of URLs. Each URL should be the complete URL that is obtained by launching pipeline from www.mylims.org
experimentList	A list of experiment names that should be retrieved.

### Details

URLs can be obtained by replacing the correct information for entryID and key in "http://mylims.univalle.edu.co/lims/Lims/entryID?key=key"

### Author(s)

Julien Wist

### References

www.mylims.org

### Examples

```
## use this command to read from a file
## listOfURL<-as.vector(unlist(read.table('in.txt', sep=''))))
#
#url1 <- 'http://mylims.univalle.edu.co/lims/Lims?action=GetJSON&table=entry&id=8405946&key=MdmsufXhXk'
#url2 <- 'http://mylims.univalle.edu.co/lims/Lims?action=GetJSON&table=entry&id=8026534&key=5quA7vBcoQ'
#url3 <- 'http://mylims.univalle.edu.co/lims/Lims?action=GetJSON&table=entry&id=6528763&key=BDiayNJUS8'
#url4 <- 'http://mylims.univalle.edu.co/lims/Lims?action=GetJSON&table=entry&id=8316869&key=P5pzErJ490'
#url5 <- 'http://mylims.univalle.edu.co/lims/Lims?action=GetJSON&table=entry&id=6528214&key=NK2pYSFIhD'

data(urlList)
dataSet <- lims(as.vector(unlist(urlList)), c('noesygpps1dcomp'))
## dataSet <- lims(c(url1, url2, url3, url4, url5), c('noesygpps1dcomp'))
```

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<code>urlList</code>	<i>list of input URL to test rLims package</i>
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**Usage**

`urlList`

**Format**

A list containing 5 URLs

**Source**

`mylims.univalle.edu.co`

# Index

\*Topic **datasets**

urlList, [3](#)

\*Topic **lims**

lims, [2](#)

\*Topic **metabolomics**

lims, [2](#)

\*Topic **nmr**

lims, [2](#)

lims, [2](#)

lims-package (rLims-package), [1](#)

rLims (rLims-package), [1](#)

rLims-package, [1](#)

urlList, [3](#)