Package: codesamples (via r-universe)

July 3, 2024

Title R Code Samples From Various Sources

Version 0.2.0

Description Contains a database of code snippets from Github and Stack
Overflow.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.1

Depends R (>= 2.10)

LazyData true

LazyDataCompression bzip2

URL <https://github.com/hughjonesd/codesamples>

BugReports <https://github.com/hughjonesd/codesamples/issues>

Repository https://hughjonesd.r-universe.dev

RemoteUrl https://github.com/hughjonesd/codesamples

RemoteRef v0.2.0

RemoteSha 6f152ccd91e71c43bd64f326d2c895e5fd3aabfa

Contents

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github_data *Github R Snippets*

Description

R snippets from Github.

Usage

github_data

Format

github_data:

A data frame with 9,738 rows and 4 columns:

starter Starter for the github search
repo Github repo name
path Path within the repo
snippet The R snippet itself

Details

These were created by using the github search API with language:R and a "starter" string chosen randomly from ls("package:base").

Obviously, don't run any code on your machine without checking it manually first!

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package_examples *Package examples*

Description

R examples from 100 randomly chosen packages.

Usage

package_examples

Format

package_examples:

A data frame with 6,323 rows and 3 columns:

package R package
topic Help topic
snippet The R code itself

Details

Unlike the other two datasets, example code *should* be reasonably safe. Still it is best to **not run any code on your machine without checking it manually first!**

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so_questions	*Stack Overflow R Snippets*

Description

R snippets from Stack Overflow questions.

Usage

```
so_questions
```

Format

so_questions:
A data frame with 11,013 rows and 3 columns:

post_id SO post ID
creation_date Question creation date
snippet The R code itself

Details

Questions were from 2013 onwards, with a minimum score of 3 and the R tag.

Note that not all code that parses is guaranteed to be valid R. For example, a R DESCRIPTION file may parse as R code.

Obviously, don't run any code on your machine without checking it manually first!

Here is the original SQL query on <data.stackexchange.com>:

```sql
SELECT DISTINCT
  p.Id,
  p.PostTypeId,
  p.Body,
  p.CreationDate
FROM
Posts p
INNER JOIN PostTags pt ON p.Id = pt.PostId
INNER JOIN Tags t ON pt.TagId = t.Id
WHERE
(UPPER(t.TagName) LIKE UPPER('R'))
AND
(p.Score >= 3)
AND
(p.CreationDate > '2013-01-01')
```

Index