

# Package ‘rsparkling’

March 8, 2018

**Title** R Interface for H2O Sparkling Water

**Version** 0.2.3

**Imports** utils, sparklyr (>= 0.3), h2o (>= 3.8.3.3)

**Suggests** dplyr, testthat

**Description** An extension package for 'sparklyr' that provides an R interface to H2O Sparkling Water machine learning library (see <<https://github.com/h2oai/sparkling-water>> for more information).

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**Encoding** UTF-8

**LazyData** true

**NeedsCompilation** no

**SystemRequirements** Java (>6)

**URL** <https://github.com/h2oai/rsparkling>

**BugReports** <http://jira.h2o.ai>

**RoxygenNote** 5.0.1

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**Repository** CRAN

**Date/Publication** 2018-03-08 18:22:20 UTC

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as\_h2o\_frame *Convert a Spark DataFrame to an H2O Frame*

**Description**

Convert a Spark DataFrame to an H2O Frame

**Usage**

```
as_h2o_frame(sc, x, name = NULL, strict_version_check = TRUE)
```

**Arguments**

sc                    Object of type spark\_connection.  
x                     A spark\_dataframe.  
name                 The name of the H2OFrame.  
strict\_version\_check  
                      (Optional) Setting this to FALSE does not cross check version of H2O and at-  
                      tempts to connect.

as\_spark\_dataframe *Convert an H2O Frame to a Spark DataFrame*

**Description**

Convert an H2O Frame to a Spark DataFrame

**Usage**

```
as_spark_dataframe(sc, x, name = paste(deparse(substitute(x)), collapse = ""),  
                    strict_version_check = TRUE)
```

**Arguments**

sc                    Object of type spark\_connection.  
x                     An H2OFrame.  
name                 The name to assign the data frame in Spark.  
strict\_version\_check  
                      (Optional) Setting this to FALSE does not cross check version of H2O and at-  
                      tempts to connect.

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h2o_context	<i>Get the H2OContext. Will create the context if it has not been previously created.</i>
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**Description**

Get the H2OContext. Will create the context if it has not been previously created.

**Usage**

```
h2o_context(x, strict_version_check = TRUE)
```

**Arguments**

x	Object of type spark_connection or spark_jobj.
strict_version_check	(Optional) Setting this to FALSE does not cross check version of H2O and attempts to connect.

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h2o_flow	<i>Open the H2O Flow UI in a browser</i>
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**Description**

Open the H2O Flow UI in a browser

**Usage**

```
h2o_flow(sc, strict_version_check = TRUE)
```

**Arguments**

sc	Object of type spark_connection.
strict_version_check	(Optional) Setting this to FALSE does not cross check version of H2O and attempts to connect.

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h2o_release_table	<i>Provide integration information for rsparkling</i>
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**Description**

Provide integration information for rsparkling

**Usage**

```
h2o_release_table()
```

**Value**

Returns a data frame containing rsparkling integration information

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