

Package ‘factset.protobuf.stach’

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Type Package

Title 'FactSet' 'STACH' Library

Version 1.0.2

Author analytics-reporting

Maintainer Charlie Mathis<chmathis@factset.com>

Description Generates 'RProtobuf' classes for 'FactSet' 'STACH' tabular format which represents complex multi-dimensional array of data. These classes help in the 'serialization' and 'deserialization' of 'STACH' formatted data. See 'GitHub' repository documentation for more information.

URL <https://github.com/factset/stachschema>

BugReports <https://github.com/factset/stachschema/issues>

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Encoding UTF-8

LazyData true

Imports R6

Depends RProtoBuf

Suggests testthat

RoxygenNote 7.0.0

NeedsCompilation no

Repository CRAN

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Description

Class defining the NullValues of various data types

Format

An R6Class generator object

Public fields

DOUBLE Null value for DOUBLE data type

FLOAT Null value for FLOAT data type

INT32 Null value for INT32 data type

INT64 Null value for INT64 data type

STRING Null value for STRING data type

TIMESTAMP Null value for TIMESTAMP data type

DURATION Null value for DURATION data type

Methods

Public methods:

- [factset.protobuf.stach.NullValues\\$new\(\)](#)
- [factset.protobuf.stach.NullValues\\$clone\(\)](#)

Method new():

Usage:

```
factset.protobuf.stach.NullValues$new()
```

Method clone(): The objects of this class are cloneable with this method.

Usage:

```
factset.protobuf.stach.NullValues$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

Examples

```
nullValues <- factset.protobuf.stach.NullValues$new()

# Null value comparison for Protobuf's String data type.
a <- 'null'
if(nullValues$STRING == a) print("a is the null") else print("a is not a null")

# Null value comparison for Protobuf's Int32 data type.
b <- new(google.protobuf.Int32Value, value = 2147483647)
if(nullValues$INT32 == b$value) print("b is the null") else print("b is not a null")

# Null value comparison for Protobuf's Duration data type.
c <- new(google.protobuf.Duration, seconds = 315576000000, nanos = 999999900)
if(nullValues$DURATION == c) print("c is the null") else print("c is not a null")
```

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