

Package: RcppNarrow (via r-universe)

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Type Package

Title First Steps Around 'narrow'

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Description Leaning on the 'narrow' package for C-level access to 'Arrow' without requiring the full weight of that package.

License GPL (>= 2)

Imports Rcpp (>= 1.0.8)

LinkingTo Rcpp

Suggests narrow

Additional_repositories <https://ghrr.github.io/drat>

RoxygenNote 6.0.1

Repository <https://eddelbuettel.r-universe.dev>

RemoteUrl <https://github.com/eddelbuettel/rcppnarrow>

RemoteRef HEAD

RemoteSha a6f9b0a0db10cd076d84386246d72539c4254105

Contents

RcppNarrow-package	2
describeArrowArray	2
describeArrowSchema	3
extract_null_count	3
narrow_array_info	4
print_uint64	4
Index	5

RcppNarrow-package *First Steps Around 'narrow'*

Description

Leaning on the 'narrow' package for C-level access to 'Arrow' without requiring the full weight of that package.

Package Content

Index: This package was not yet installed at build time.

Maintainer

Dirk Eddelbuettel <edd@debian.org>

Author(s)

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describeArrowArray *Describe An Arrow Array*

Description

Describe An Arrow Array

Usage

```
describeArrowArray(ptr)
```

Arguments

ptr An external pointer object for an ArrowArray structure

Value

None. The function is invoked for the side effect of displaying some array info.

describeArrowSchema *Describe An Arrow Schema*

Description

Describe An Arrow Schema

Usage

```
describeArrowSchema(ptr)
```

Arguments

ptr An external pointer object for an ArrowSchema structure

Value

None. The function is invoked for the side effect of displaying the schema info.

extract_null_count *Count Null Elements in Arrow Object*

Description

Count Null Elements in Arrow Object

Usage

```
extract_null_count(array_data_xptr)
```

Arguments

array_data_xptr
 An external pointer to an Arrow object

Value

The number of null elements

Examples

```
if (requireNamespace("arrow", quietly=TRUE)) {  
  extract_null_count(narrow::as_narrow_array(c(NA, NA, 1:5))$array_data)  
}
```

narrow_array_info	<i>Call array info</i>
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Description

Call array info

Usage

```
narrow_array_info(adptr)
```

Arguments

adptr	An external pointer to array data object
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Value

A list with array info

Examples

```
if (requireNamespace("narrow", quietly=TRUE)) {
  x <- narrow::as_narrow_array(c(NA, 2, NA, 4:7))
  narrow_array_info(x$array_data)
}
```

print_uint64	<i>Print uint64_t vector</i>
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Description

Print uint64_t vector

Usage

```
print_uint64(ptr)
```

Arguments

ptr	An external pointer object for an uint64_t vector
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Value

None. The function is invoked for the side effect of display schema info.

Index

* **package**

RcppNarrow-package, [2](#)

describeArrowArray, [2](#)

describeArrowSchema, [3](#)

extract_null_count, [3](#)

narrow_array_info, [4](#)

print_uint64, [4](#)

RcppNarrow (RcppNarrow-package), [2](#)

RcppNarrow-package, [2](#)