

Package ‘ankiR’

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Title Read 'Anki' Flashcard Databases

Version 0.2.0

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Description Read and analyze Anki flashcard collection databases. Provides functions to access notes, cards, and review logs from 'Anki' 'SQLite' database with a tidy interface.

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Encoding UTF-8

RoxygenNote 7.3.3

Imports jsonlite, DBI, RSQLite, tibble

URL <https://github.com/chrislongros/ankiR>

BugReports <https://github.com/chrislongros/ankiR/issues>

NeedsCompilation no

Repository CRAN

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anki_base_path *Get Anki base path*

Description

Returns the default Anki2 directory for the current platform.

Usage

```
anki_base_path()
```

Value

Character string path to Anki2 directory

Examples

```
## Not run:  
anki_base_path()  
  
## End(Not run)
```

anki_cards *Read cards from Anki collection*

Description

Read cards from Anki collection

Usage

```
anki_cards(path = NULL, profile = NULL)
```

Arguments

path	Path to collection.anki2 (auto-detected if NULL)
profile	Profile name (first profile if NULL)

Value

A tibble of cards

Examples

```
## Not run:  
anki_cards()  
  
## End(Not run)
```

anki_cards_fsrs	<i>Read cards with FSRS parameters</i>
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Description

Read cards with FSRS parameters

Usage

```
anki_cards_fsrs(path = NULL, profile = NULL)
```

Arguments

path	Path to collection.anki2 (auto-detected if NULL)
profile	Profile name (first profile if NULL)

Value

A tibble of cards with FSRS parameters (stability, difficulty, retention)

Examples

```
## Not run:  
anki_cards_fsrs()  
  
## End(Not run)
```

anki_collection	<i>Open an Anki collection</i>
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Description

Open an Anki collection

Usage

```
anki_collection(path = NULL, profile = NULL)
```

Arguments

path	Path to collection.anki2 (auto-detected if NULL)
profile	Profile name (first profile if NULL)

Value

An `anki_collection` object with methods: `notes()`, `cards()`, `revlog()`, `tables()`, `close()`

Examples

```
## Not run:
col <- anki_collection()
col$notes()
col$close()

## End(Not run)
```

anki_db_path	<i>Get path to Anki database</i>
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Description

Get path to Anki database

Usage

```
anki_db_path(profile = NULL, base_path = NULL)
```

Arguments

profile	Profile name (first profile if NULL)
base_path	Path to Anki2 directory (auto-detected if NULL)

Value

Character string path to collection.anki2

Examples

```
## Not run:
anki_db_path()

## End(Not run)
```

anki_notes	<i>Read notes from Anki collection</i>
------------	--

Description

Read notes from Anki collection

Usage

```
anki_notes(path = NULL, profile = NULL)
```

Arguments

path Path to collection.anki2 (auto-detected if NULL)
profile Profile name (first profile if NULL)

Value

A tibble of notes

Examples

```
## Not run:  
anki_notes()  
  
## End(Not run)
```

anki_profiles	<i>List Anki profiles</i>
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Description

List Anki profiles

Usage

```
anki_profiles(base_path = NULL)
```

Arguments

base_path Path to Anki2 directory (auto-detected if NULL)

Value

Character vector of profile names

Examples

```
## Not run:  
anki_profiles()  
  
## End(Not run)
```

anki_revlog *Read review log from Anki collection*

Description

Read review log from Anki collection

Usage

```
anki_revlog(path = NULL, profile = NULL)
```

Arguments

path	Path to collection.anki2 (auto-detected if NULL)
profile	Profile name (first profile if NULL)

Value

A tibble of review log entries

Examples

```
## Not run:  
anki_revlog()  
  
## End(Not run)
```

anki_timestamp_to_date
 Convert Anki timestamp to date

Description

Convert Anki timestamp to date

Usage

```
anki_timestamp_to_date(x)
```

Arguments

x	Numeric timestamp in milliseconds since epoch
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Value

Date object

Examples

```
anki_timestamp_to_date(1368291917470)
```

```
anki_timestamp_to_datetime  
Convert Anki timestamp to datetime
```

Description

Convert Anki timestamp to datetime

Usage

```
anki_timestamp_to_datetime(x)
```

Arguments

x Numeric timestamp in milliseconds since epoch

Value

POSIXct datetime object

Examples

```
anki_timestamp_to_datetime(1368291917470)
```

```
fsrs_retrievability    Calculate current retrievability for FSRS cards
```

Description

Calculate current retrievability for FSRS cards

Usage

```
fsrs_retrievability(stability, days_since_review, decay = 0.256)
```

Arguments

stability Stability in days
days_since_review Days since last review
decay Decay parameter (default 0.256)

Value

Retrievability (0-1)

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