

Package ‘appsheet’

September 18, 2023

Title An Interface to the 'AppSheet' API

Version 0.1.0

Description Functionality to add, delete, read and update table records from your 'AppSheet' apps, using the official API <<https://api.appsheet.com/>>.

License MIT + file LICENSE

URL <https://github.com/calderonsamuel/appsheet>

BugReports <https://github.com/calderonsamuel/appsheet/issues>

Imports cli, httr2, magrittr, purrr, rlang, tibble

Suggests covr, testthat (>= 3.0.0)

Config/testthat/edition 3

Config/testthat/parallel true

Encoding UTF-8

RoxygenNote 7.2.3

NeedsCompilation no

Author Samuel Calderon [aut, cre, cph]
(<<https://orcid.org/0000-0001-6847-1210>>)

Maintainer Samuel Calderon <samuel.calderon@uarm.pe>

Repository CRAN

Date/Publication 2023-09-18 13:20:06 UTC

R topics documented:

appsheet	2
ash_properties	3
ash_request	4

Index	5
--------------	----------

`appsheet`*Appsheet Function*

Description

This function interacts with the AppSheet API to perform actions on a specified table. For more info, check the [official documentation](#).

Usage

```
appsheet(  
  tableName,  
  Action = "Find",  
  Properties = ash_properties(),  
  Rows = list(),  
  appId = Sys.getenv("APPSHEET_APP_ID"),  
  access_key = Sys.getenv("APPSHEET_APP_ACCESS_KEY")  
)
```

Arguments

<code>tableName</code>	The name of the table to perform actions on.
<code>Action</code>	The action to be performed on the table, one of ("Find", "Add", "Delete", "Edit"). Default is "Find", which reads a table.
<code>Properties</code>	A list of properties for the action. <code>ash_properties()</code> provides sensible defaults, but can be customized.
<code>Rows</code>	A list of rows for the action. Default is an empty list.
<code>appId</code>	The AppSheet application ID. Default is retrieved from the <code>APPSHEET_APP_ID</code> environment variable.
<code>access_key</code>	The AppSheet application access key. Default is retrieved from the <code>APPSHEET_APP_ACCESS_KEY</code> environment variable.

Value

A data frame containing the response from the AppSheet API.

Examples

```
## Not run:  
appsheet("my_table")  
appsheet("my_table", Properties = ash_properties(Locale = "en-GB"))  
  
## End(Not run)
```

ash_properties *Build the properties of an Appsheet request*

Description

This function exist to provide auto completion. Still, it is likely that users will need to visit the [official documentation](#) for further customization.

Usage

```
ash_properties(
  Locale = "en-US",
  Location = NULL,
  RunAsUserEmail = NULL,
  Timezone = NULL,
  UserSettings = NULL,
  Selector = NULL,
  ...
)
```

Arguments

Locale	Locale of the client making the request. For example, en-US indicates English, United States. If this value is not specified, Locale defaults to en-US. The Locale is used when validating Date, DateTime, Decimal, Percent, Price, and Time data values. For example, when Locale is en-US, date values must be entered in MM/DD/YYYY format; when Locale is en-GB, date values must be entered in DD/MM/YYYY format.
Location	Latitude and longitude of the client making the request. If not specified, Location defaults to 0.000000, 0.000000.
RunAsUserEmail	User email address of the person taking the action. The action is performed under the user email address you specify. If this value is not specified, the action is performed under the user email address of the application owner.
Timezone	Timezone of the client making the request.
UserSettings	User setting to be used when performing the action. If not specified, no user settings are used.
Selector	Expression to select and format the rows returned. Only valid when Action is "Find".
...	Placeholder for future properties to be introduced in the API.

Details

Any NULL will be internally dropped before performing the request.

Value

A list of properties

Examples

```
ash_properties()
ash_properties(Locale = "en-GB")
```

ash_request	<i>Appsheet request builder</i>
-------------	---------------------------------

Description

Appsheet request builder

Usage

```
ash_request(
  tableName,
  Action = "Find",
  Properties = ash_properties(),
  Rows = list(),
  appId = Sys.getenv("APPSHEET_APP_ID"),
  access_key = Sys.getenv("APPSHEET_APP_ACCESS_KEY")
)
```

Arguments

tableName	The name of the table to perform actions on.
Action	The action to be performed on the table, one of ("Find", "Add", "Delete", "Edit"). Default is "Find", which reads a table.
Properties	A list of properties for the action. ash_properties() provides sensible defaults, but can be customized.
Rows	A list of rows for the action. Default is an empty list.
appId	The AppSheet application ID. Default is retrieved from the APPSHEET_APP_ID environment variable.
access_key	The AppSheet application access key. Default is retrieved from the APPSHEET_APP_ACCESS_KEY environment variable.

Value

An htr2 request

Index

appsheet, [2](#)
ash_properties, [3](#)
ash_request, [4](#)