Package 'Infinity'

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Type Package

Title Package for getting call tracking reports from Infinity API

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Description Package for getting call tracking reports from Infinity API

License No

LazyData TRUE

RoxygenNote 5.0.1

R topics documented:

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buildUrl   *Function to build url for getting reports from Infinity API*

Description

Function to build url for getting reports from Infinity API and to perform validation of some fields.
URL can be used for getting raw data in browser.

Usage

```
buildUrl(param.list)
```

Arguments

param.list   List of all request parameters. See [getReport](#) for full example.

Value

URL for getting reports.

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getIGRP   *Get list of igrps*

Description

Get list of igrps

Usage

```
getIGRP(username, password)
```

Arguments

username   Username to access data, string

password   Password to access data, string

Value

Data frame which contains all installation groups (igrp), available for given user

Examples

```
## Not run:
df <- getIGRP("username", "password")

## End(Not run)
```

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getReport   *Function for getting report from Infinity API*

Description

Function for getting report from Infinity API

Usage

```
getReport(url, username, password, pagination = FALSE)
```

Arguments

url	URL for getting data. See [buildUrl](#)
username	Username, string
password	Password, string
pagination	Results from the Infinity API are restricted to a maximum of number of rows per request. This maximum number is typically 10,000 and if you specify a higher limit value the API will return an error. For getting of all records parameter pagination = TRUE. If the number of rows in result data frame will be less than 10,000 than pagination doesn't used.

Examples

```
## Not run:
# Create list of parameters
params <- triggerInit(igrp = 840,
                      trigger = "calls",
                      limit = 10500,
                      sort = "triggerDatetime-desc"
                      display = c("triggerDatetime",
                                  "srcPhoneNumber",
                                  "callState",
                                  "txr",
                                  "destPhoneNumber",
                                  "ringTime"))
# Build URL for getting report
 url <- buildUrl(params)

# Getting report from Infinity API to data frame
 df <- getReport(url, "username", "password", pagination = TRUE)

## End(Not run)
```

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triggerInit   *Collect request parameters*

Description

Function collects all request parameters in one list for passing to function [buildUrl](#)

Usage

```
triggerInit(igrp = NULL, trigger = NULL, limit = NULL, offset = NULL,
  sort = NULL, filter = NULL, startDate = NULL, endDate = NULL,
  tz = NULL, display = NULL, attributionModelId = NULL,
  nestAttributions = NULL)
```

Arguments

igrp	(int) Installation ID
trigger	- (string) A trigger represents a single tracked event in Infinity.
	Possible values:
	all - Get all triggers
	calls - Get all call triggers (where trigger action is call)
	calls/users - Get all Hosted PBX Call User triggers (where trigger action is callUser)
	callStatus - Get all call status triggers (where trigger action is callBlegStart or callAlegStop)
	goals - Get all goal triggers (where trigger is marked as a goal)
	transactions - Get all transaction triggers (where trigger has transaction currency or goal currency fields)#' callRate triggers are excluded from these reports
	callsGoalsTransactions - Get all triggers with any transaction, call or goal details. This is a union of the three routes "calls", "goals" and "transactions" described above
	touchPoints - Get all touch point triggers. This is a collection of recent land, call and goal triggers. You can only query back as far as your Installation's trigger retention period on this route
limit	(int) Limit result set.
offset	(int) Offset result set.
sort	(array) One or more sorts. String or vector of strings.
filter	(array) Optional. One or more filters. String or vector of strings.
startDate	(string) Optional. Start Date to filter by, Start Date must be of the format YYYY-MM-DD.
endDate	(string) Optional. End Date to filter by, End Date must be of the format YYYY-MM-DD.
tz	(string) Optional. Timezone to convert to.

display (array) Optional. One ore more fields to display in report. String or vector of strings.

attributionModelId

(int) Optional. Attribution Model ID to use for report. Can be 'none' to remove attribution data from report.

nestAttributions

(int) Optional. Enables/Disables nested multiple attribution output. If disabled will return multiple rows per trigger for each attributed land.

Value

List of parameters required for getting reports

See Also

Full description of filter and sort fields can be found at https://www.infinitycloud.com/service/api/reports_v2_triggers.html

Examples

```
## Not run:
params <- triggerInit(igrp = 840,
                      trigger = "calls",
                      limit = 50,
                      sort = "triggerDatetime-desc",
                      display = c("triggerDatetime",
                                  "srcPhoneNumber",
                                  "callState",
                                  "txr",
                                  "destPhoneNumber",
                                  "ringTime"))

## End(Not run)
```

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