

Package ‘optipod’

June 2, 2023

Title What the Package Does (One Line, Title Case)

Version 0.0.0.9000

Description What the package does (one paragraph).

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

URL <https://github.com/bt-koch/optipod>

BugReports <https://github.com/bt-koch/optipod/issues>

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extractPolygonMeta	<i>extractPolygonMeta</i>
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Description

extractPolygonMeta

Usage

```
extractPolygonMeta(apikey, ticker)
```

Arguments

apikey	Personal API key for polygon.io
ticker	ticker for underlying

Value

metadata of underlying firm

extractPolygonOptContract
extractPolygonOptContract

Description

extractPolygonOptContract

Usage

```
extractPolygonOptContract(
  apikey,
  limit = 100,
  ticker,
  contract_type = "call",
  expired = "true",
  expiration_date.gte = NA
)
```

Arguments

apikey	Personal API key for polygon.io
limit	Limit the number of results returned (maximum is 1000)
ticker	Underlying stock ticker for related contracts
contract_type	Type of contract (call or put)
expired	Whether to query for expired or not expired contracts
expiration_date.gte	contract expiration date greater than or equal to (format YYYY-MM-DD)

Value

historical option contracts

extractPolygonStock *extractPolygonStock*

Description

extractPolygonStock

Usage

```
extractPolygonStock(
  apikey,
  limit = 100,
  ticker,
  from,
  to,
  adjusted = "true",
  sort = "asc"
)
```

Arguments

apikey	Personal API key for polygon.io
limit	Limit the number of results returned (maximum is 50000)
ticker	Ticker symbol of the stock/equity
from	The start of the aggregate time window. Either a date with the format YYYY-MM-DD or a millisecond timestamp
to	The end of the aggregate time window. Either a date with the format YYYY-MM-DD or a millisecond timestamp
adjusted	Whether or not the results are adjusted for splits
sort	Sort the results by timestamp (asc or desc)

Value

historical stock data

extractPolygonTickers *extractPolygonTickers*

Description

extractPolygonTickers

Usage

```
extractPolygonTickers(apikey, search = NA, limit = 100)
```

Arguments

apikey	Personal API key for polygon.io
search	Search for terms within the ticker and/or company name
limit	Limit the number of results returned (maximum is 1000)

Value

tickers of Stocks/Equities, Indices, Forex, and Crypto

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