

Package ‘ropensecretsapi’

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Type Package

Title R Package for the OpenSecrets.org API

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Author Thomas P. Fuller <thomas.fuller@coherentlogic.com>

Maintainer Thomas P. Fuller <thomas.fuller@coherentlogic.com>

Description An R package for the OpenSecrets.org web services API.

Depends R (>= 3.0.3), RJSONIO, RCurl

SystemRequirements

LazyLoad yes

License LGPL-3

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<http://coherentlogic.com/r-package-for-the-opensecrets-org-api?source=cran>

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GetCandContribData *Provides the top organizations contributing to specified politician.*

Description

Provides the top organizations contributing to specified politician.

Usage

```
GetCandContribData(params)
```

Arguments

params Any parameter accepted by this web service call – see [here](#).

Examples

```
## Not run:
SetAPIKey ("ENTER YOUR PRIVATE API KEY HERE.")
params <- list (cid="N00007360", cycle="2012")
tryCatch(
  candContribData <- GetCandContribData (params),
  error =
    function (e) {
      print (
        paste (
          "An exception was thrown -- details follow: ",
          e,
          sep=""
        )
      )
    }
)

## End(Not run)
```

GetCandIndByIndData *Provides total contributed to specified candidate from specified industry for specified cycle.*

Description

Provides total contributed to specified candidate from specified industry for specified cycle.

Usage

GetCandIndByIndData(params)

Arguments

params Any parameter accepted by this web service call – see [here](#).

Examples

```
## Not run:
SetAPIKey ("ENTER YOUR PRIVATE API KEY HERE.")
params <- list (cid="N00007360", cycle="2012", ind="K02")
tryCatch(
  candIndByIndData <- GetCandIndByIndData (params),
  error =
    function (e) {
      print (
        paste (
          "An exception was thrown -- details follow: ",
          e,
          sep=""
        )
      )
    }
)

## End(Not run)
```

GetCandIndustryData *Provides the top industries contributing to a specified politician.*

Description

Provides the top industries contributing to a specified politician.

Usage

GetCandIndustryData(params)

Arguments

params Any parameter accepted by this web service call – see [here](#).

Examples

```
## Not run:
SetAPIKey ("ENTER YOUR PRIVATE API KEY HERE.")
params <- list (cid="N00007360", cycle="2012", ind="K02")
tryCatch(
  candIndustryData <- GetCandIndustryData (params),
  error =
    function (e) {
      print (
        paste (
          "An exception was thrown -- details follow: ",
          e,
          sep=""
        )
      )
    }
)

## End(Not run)
```

GetCandSectorData *Provides the top industries contributing to a specified politician.*

Description

Provides the top industries contributing to a specified politician.

Usage

```
GetCandSectorData(params)
```

Arguments

params Any parameter accepted by this web service call – see [here](#).

Examples

```
## Not run:
SetAPIKey ("ENTER YOUR PRIVATE API KEY HERE.")
params <- list (cid="N00007360", cycle="2012")
tryCatch(
  candSectorData <- GetCandSectorData (params),
  error =
    function (e) {
      print (
```

```

        paste (
          "An exception was thrown -- details follow: ",
          e,
          sep=""
        )
      )
    }
  )

## End(Not run)

```

GetCandSummaryData *Provides summary fundraising information for a specified politician.*

Description

Provides summary fundraising information for a specified politician.

Usage

```
GetCandSummaryData(params)
```

Arguments

params Any parameter accepted by this web service call – see [here](#).

Examples

```

## Not run:
SetAPIKey ("ENTER YOUR PRIVATE API KEY HERE.")
params <- list (cid="N00007360", cycle="2012")
tryCatch(
  candSummaryData <- GetCandSummaryData (params),
  error =
    function (e) {
      print (
        paste (
          "An exception was thrown -- details follow: ",
          e,
          sep=""
        )
      )
    }
)

## End(Not run)

```

GetCongCmteIndusData *Provides summary fundraising information for a specific committee, industry and congress number.*

Description

Provides summary fundraising information for a specific committee, industry and congress number.

Usage

```
GetCongCmteIndusData(params)
```

Arguments

params Any parameter accepted by this web service call – see [here](#).

Examples

```
## Not run:
SetAPIKey ("ENTER YOUR PRIVATE API KEY HERE.")
params <- list (congrno="112", indus="F10", cmte="HARM")
tryCatch(
  congCmteIndusData <- GetCongCmteIndusData (params),
  error =
    function (e) {
      print (
        paste (
          "An exception was thrown -- details follow: ",
          e,
          sep=""
        )
      )
    }
)

## End(Not run)
```

GetLegislatorsData *Provides a list of legislators and associated attributes.*

Description

Provides a list of legislators and associated attributes.

Usage

```
GetLegislatorsData(params)
```

Arguments

params Any parameter accepted by this web service call – see [here](#).

Examples

```
## Not run:
SetAPIKey ("ENTER YOUR PRIVATE API KEY HERE.")
params <- list (id="NJ")
tryCatch(
  legislatorsData <- GetLegislatorsData (params),
  error =
    function (e) {
      print (
        paste (
          "An exception was thrown -- details follow: ",
          e,
          sep=""
        )
      )
    }
)

## End(Not run)
```

GetMemPFDprofileData Returns PFD information for a member of Congress.

Description

Returns PFD information for a member of Congress.

Usage

```
GetMemPFDprofileData(params)
```

Arguments

params Any parameter accepted by this web service call – see [here](#).

Examples

```
## Not run:
SetAPIKey ("ENTER YOUR PRIVATE API KEY HERE.")
params <- list (year="2010", cid="N00007360")
tryCatch(
  memPFDprofileData <- GetMemPFDprofileData (params),
  error =
    function (e) {
      print (
```

```

        paste (
          "An exception was thrown -- details follow: ",
          e,
          sep=""
        )
      )
    }
  )

## End(Not run)

```

 GetOrgsData

Provides organization data.

Description

Provides organization data.

Usage

```
GetOrgsData(params)
```

Arguments

params Any parameter accepted by this web service call – see [here](#).

Examples

```

## Not run:
SetAPIKey ("ENTER YOUR PRIVATE API KEY HERE.")
params <- list (org="Microsoft")
tryCatch(
  orgsData <- GetOrgsData (params),
  error =
    function (e) {
      print (
        paste (
          "An exception was thrown -- details follow: ",
          e,
          sep=""
        )
      )
    }
)

## End(Not run)

```

GetOrgSummaryData *Provides organization summary data.*

Description

Provides organization summary data.

Usage

```
GetOrgSummaryData(params)
```

Arguments

params Any parameter accepted by this web service call – see [here](#).

Examples

```
## Not run:
SetAPIKey ("ENTER YOUR PRIVATE API KEY HERE.")
params <- list (id="123")
tryCatch(
  orgSummaryData <- GetOrgSummaryData (params),
  error =
    function (e) {
      print (
        paste (
          "An exception was thrown -- details follow: ",
          e,
          sep=""
        )
      )
    }
)

## End(Not run)
```

SetAPIKey *Allows the user to set the OpenSecrets.org API key once thereby removing the need to pass it in for each function call in this package.*

Description

Allows the user to set the OpenSecrets.org API key once thereby removing the need to pass it in for each function call in this package.

Usage

```
SetAPIKey(apiKey)
```

Arguments

apiKey The OpenSecrets.org API key.

Examples

```
SetAPIKey ("Example API Key")
```

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