

# Package ‘ropensecretsapi’

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**Type** Package

**Title** R Package for the OpenSecrets.org API

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

**Repository** CRAN

**Archs** i386, x64

**NeedsCompilation** no

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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 (congnos="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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