

# rtimes vignette - Interface to the New York Times APIs for government data.

## About the package

rtimes is an R package to search and retrieve data from the New York Times congress API.

## Install rtimes

```
install.packages("devtools")
library(devtools)
install_github("rtimes", "ropengov")
```

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## Load rtimes

```
library(rtimes)
```

*Note: Member ID S001181 is Jeanne Shaheen*

## Get bill cosponsorship data for a particular member.

```
out <- nyt_cg_billscosponsor(memberid = "S001181", type = "cosponsored")
ldply(out$results[[1]]$bills, function(x) data.frame(x[c("number", "cosponsors"])))
```

	number	cosponsors
1	S.1174	23
2	S.1452	13
3	S.1349	23
4	S.1467	17
5	S.1460	9
6	S.1708	8
7	S.1886	5
8	S.1406	39
9	S.1633	8
10	S.RES.318	8
11	S.RES.314	2
12	S.666	35
13	S.1837	9
14	S.313	61
15	S.1802	10
16	S.RES.321	99
17	S.1826	9
18	S.1187	19
19	S.641	14
20	S.1766	1

## Get information about a particular member's appearances on the House or Senate floor.

```
library(plyr)
out <- nyt_cg_memberappear(memberid = "S001181")
ldply(out$results[[1]]$appearances, function(x) data.frame(x[c("date", "title"])))
```

	date
1	2010-09-29
2	2010-09-22
3	2010-09-17
4	2010-09-16
5	2010-08-03
6	2010-07-29
7	2010-07-28
8	2010-07-22
9	2010-07-21
10	2010-07-21
11	2010-07-20
12	2010-07-15
13	2010-07-15
14	2010-06-30
15	2010-06-29
16	2010-06-23
17	2010-06-17
18	2010-06-16
19	2010-06-10
20	2010-06-09

	title
1	Senate Session, Part 2
2	Senate Session
3	Judge Porteous Impeachment Trial, Rafael Pardo Testimony, Part 2
4	Judge Porteous Impeachment Trial, Claude Lightfoot Testimony
5	Senate Session, Part 2
6	Senate Session
7	Senate Session
8	Senate Session
9	Senate Session
10	Ambassadorial Nominations
11	Senate Session, Part 1
12	Senate Session
13	Afghanistan Issues
14	Senate Session
15	Senate Session, Part 2
16	U.S. Policy Toward Iran
17	Senate Session
18	Senate Session, Part 1
19	Senate Session
20	Offshore Oil Drilling Regulation