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getAffectedRCW Link bills to Revised Code of Washington (RCW)

**Description**

Get a listing of all RCW citations affected by a given bill

**Usage**

getAffectedRCW(biennium, billId, paired = TRUE, type = c("df", "list", "xml"))

**Arguments**

- **biennium** Character vector representing the biennium(s) to be searched. Each argument should take the form "XXXX-YY"
- **billId** Character vector containing the bill(s) to be retrieved. Each argument should take the form "XX YYYY", where XX is the prefix (HB, SB, etc.) and YYYY is the bill number.
- **paired** If TRUE, will assume that equal length vectors represent paired data. Set to FALSE to generate an NxN grid of input arguments. Applies to equal length vector inputs only.
- **type** One of "df", "list", or "xml". Specifies the format for the output.

**Value**

getAffectedRCW returns an object of type equal to the type argument (defaults to dataframe)

**Note**

for more information on RCW codes, see https://apps.leg.wa.gov/rcw/

**Examples**

## usage for a single bill case, XML form
getAffectedRCW("2005-06", "HB 1427", type = "xml")

## generates a dataframe of affected codes from all bills in 2007
## Not run:
bills <- getLegislationByYear("2007")
codesAffected <- getAffectedRCW("2007-08", bills$BillId)
## End(Not run)
getAmendments  

Get amendments to a bill

Description

Get a list of all proposed amendments (accepted and rejected) on the bill, including the URL to the amendment text.

Usage

getAmendments(biennium, billNumber, paired = TRUE, type = c("df", "list", "xml"))

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>biennium</td>
<td>Character vector representing the biennium(s) to be searched. Each argument should take the form &quot;XXXX-YY&quot;</td>
</tr>
<tr>
<td>billNumber</td>
<td>Character or numeric vector containing the bill number(s) to be retrieved.</td>
</tr>
<tr>
<td>paired</td>
<td>If TRUE, will assume that equal length vectors represent paired data. Set to FALSE to generate an NxN grid of input arguments. Applies to equal length vector inputs only.</td>
</tr>
<tr>
<td>type</td>
<td>One of &quot;df&quot;, &quot;list&quot;, or &quot;xml&quot;. Specifies the format for the output.</td>
</tr>
</tbody>
</table>

Value

getAmendments returns an object of type equal to the type argument (defaults to dataframe)

Examples

## get amendments for a single bill
getAmendments("2007-08", "1001")

## get amendments for a specific set of bills
years <- c("2005-06","2007-08","2007-08")
bills <- c(1447,1219,1001)

getAmendments(years, bills, paired = TRUE, type = "df")
getBillSponsors  

*Get sponsor information for a bill*

**Description**

Get sponsor information for a bill

**Usage**

```r
getBillSponsors(biennium, billId, paired = TRUE, type = c("df", "list", "xml"))
```

**Arguments**

- **biennium**: Character vector representing the biennium(s) to be searched. Each argument should take the form "XXXX-YY"
- **billId**: Character vector containing the bill(s) to be retrieved. Each argument should take the form “XX YYYY”, where XX is the prefix (HB, SB, etc.) and YYYY is the bill number.
- **paired**: If TRUE, will assume that equal length vectors represent paired data. Set to FALSE to generate an Nxn grid of input arguments. Applies to equal length vector inputs only.
- **type**: One of "df", "list", or "xml". Specifies the format for the output.

**Value**

getBillSponsors returns an object of type equal to the type argument (defaults to dataframe)

**Examples**

```r
## get the list of all sponsors on a set of bills, filtered for primary sponsorship
spons <- getBillSponsors("2007-08", c("HB 1001", "HB 1002", "HB 1003"))
if(!is.null(spons)) sponsP <- subset(spons, Type == "Primary")
```

---

getCommitteeMembers  

*Get committee members*

**Description**

Get committee members
getCommittees

Usage

getCommitteeMembers(
  biennium,
  agency = c("House", "Senate"),
  name,
  paired = FALSE,
  type = c("df", "list", "xml")
)

Arguments

biennium Character vector representing the biennium(s) to be searched. Each argument should take the form "XXXX-YY"
agency One of "House" or "Senate", or a vector with these as its elements.
name Character vector of committee names. To get the committee names for a particular session, see getCommittees.
paired If TRUE, will assume that equal length vectors represent paired data. Set to FALSE to generate an NxN grid of input arguments. Applies to equal length vector inputs only.
type One of "df", "list", or "xml". Specifies the format for the output.

Value

getCommitteeMembers returns an object of type equal to the type argument (defaults to dataframe)

Examples

## get all committee members for a select number of committees and years
years <- c("2011-12","2013-14")
comms <- c("Education","Judiciary")

getCommitteeMembers(years, agency = "House", comms, paired = TRUE)

getCommittees

Get legislative committees

Description

Get a list of all committees that were active during the biennium, along with their respective committee code

Usage

getCommittees(biennium, type = c("df", "list", "xml"))
getCurrentStatus

Arguments

biennium  Character vector representing the biennium(s) to be searched. Each argument
          should take the form "XXXX-YY"

        type  One of "df", "list", or "xml". Specifies the format for the output.

Value

getCurrentStatus returns an object of type equal to the type argument (defaults to dataframe)

Examples

getCurrentStatus("2007-08")

df <- getCurrentStatus()

df

Description

Get bill status

Usage

gCDF <- getCurrentStatus(
  biennium, billNumber, paired = TRUE, type = c("df", "list", "xml")
)

Arguments

biennium  Character vector representing the biennium(s) to be searched. Each argument
          should take the form "XXXX-YY"

        billNumber  Character or numeric vector containing the bill number(s) to be retrieved.

        paired  If TRUE, will assume that equal length vectors represent paired data. Set to
               FALSE to generate an N x N grid of input arguments. Applies to equal length
               vector inputs only.

        type  One of "df", "list", or "xml". Specifies the format for the output.

Value

getCurrentStatus returns an object of type equal to the type argument (defaults to dataframe)

Note

This function returns the bill’s status as of today. If a bill was never passed, it lists the most recent
status. To get a bill’s complete history, use getStatusChanges
Examples

generateCurrentStatus("2007-08", "1001")

## get final status for all bills written in 2011
## Not run:
billNums <- getLegislationByYear("2011")
status <- getCurrentStatus("2011-12", billNums$billNumber)
## End(Not run)

getHearings

Get hearings regarding a bill

Description

Get a list of dates, locations, and descriptions of all committee hearings on a particular bill

Usage

getHearings(biennium, billNumber, paired = TRUE, type = c("df", "list", "xml"))

Arguments

- biennium: Character vector representing the biennium(s) to be searched. Each argument should take the form "XXXX-YY"
- billNumber: Character or numeric vector containing the bill number(s) to be retrieved.
- paired: If TRUE, will assume that equal length vectors represent paired data. Set to FALSE to generate an NxN grid of input arguments. Applies to equal length vector inputs only.
- type: One of "df", "list", or "xml". Specifies the format for the output.

Value

generateHearings returns an object of type equal to the type argument (defaults to dataframe)

Note

Due to the nature of the resulting XML document, the function trims data from excessively nested lists when type = "df". In order to access the full information, use type = "list" instead.

Examples

## get hearings for all senate bills in 2011
bills <- getLegislationByYear("2011")
if(!is.null(bills)) billsSenate <- subset(bills, OriginalAgency == "Senate")

## Not run: getHearings(billsSenate$Biennium, billsSenate$BillNumber, paired = TRUE, type = "df")
getLegislation  

*Get summary information on a particular bill*

**Description**

Get legislative summary information for a particular bill, including bill ID, introduction date, bill title(s), and description.

**Usage**

```r
getLegislation(
  biennium, 
  billNumber, 
  paired = TRUE, 
  type = c("df", "list", "xml")
)
```

**Arguments**

- `biennium`: Character vector representing the biennium(s) to be searched. Each argument should take the form "XXXX-YY".
- `billNumber`: Character or numeric vector containing the bill number(s) to be retrieved.
- `paired`: If TRUE, will assume that equal length vectors represent paired data. Set to FALSE to generate an N x N grid of input arguments. Applies to equal length vector inputs only.
- `type`: One of "df", "list", or "xml". Specifies the format for the output.

**Value**

`getLegislation` returns an object of type equal to the `type` argument (defaults to dataframe).

**Examples**

```r
getLegislation("2007-08", "1001")
```

## get XML data for the first 100 hundred bills of the 2007-08 session
```r
# Not run: getLegislation("2007-08", 1001:1100, type = "xml")
```


---

**getLegislationByYear**  
*Get legislation by year*

---

**Description**

Get a list of all bills introduced during the year

**Usage**

```r
getLegislationByYear(year, type = c("df", "list", "xml"))
```

**Arguments**

- **year**: Character or numeric vector representing the year(s) to be searched.
- **type**: One of "df", "list", or "xml". Specifies the format for the output.

**Value**

`getLegislationByYear` returns an object of type equal to the `type` argument (defaults to dataframe)

**Examples**

```r
## Not run: getLegislationByYear("2007")
```

---

**getLegislationSigned**  
*Get all bills signed into law*

---

**Description**

Get a dataframe containing all of the bills that originated in a given chamber and were eventually signed into law

**Usage**

```r
getLegislationSigned(
  biennium,
  agency = c("House", "Senate"),
  paired = FALSE,
  type = c("df", "list", "xml")
)
```

---


getRCWBills

Arguments

biennium Character vector representing the biennium(s) to be searched. Each argument should take the form "XXXX-YY"
agency One of "House" or "Senate", or a vector with these as its elements.
paired If TRUE, will assume that equal length vectors represent paired data. Set to FALSE to generate an NxN grid of input arguments. Applies to equal length vector inputs only.
type One of "df", "list", or "xml". Specifies the format for the output.

Value

d立法Signed returns an object of type equal to the type argument (defaults to dataframe)

Examples

## get all bills signed into law from the Senate between 2007-2010
biennium <- c("2007-08", "2009-10")
getLegislationSigned(biennium, "Senate")

getRCWBills

Search for bills based on Revised Code (RCW) citations

Description

Get a list of all bills which reference or amend a particular portion of the Revised Code of Washington (RCW)

Usage

getRCWBills(biennium, rcwCite, paired = FALSE, type = c("df", "list", "xml"))

Arguments

biennium Character vector representing the biennium(s) to be searched. Each argument should take the form "XXXX-YY"
rcwCite Character vector for the citation in the RCW to pull legislation from. Optional extensions for title, chapter, and section are allowed. For more information, see https://apps.leg.wa.gov/rcw/
paired If TRUE, will assume that equal length vectors represent paired data. Set to FALSE to generate an NxN grid of input arguments. Applies to equal length vector inputs only.
type One of "df", "list", or "xml". Specifies the format for the output.

Value

getRCWBills returns an object of type equal to the type argument (defaults to dataframe)
getRollCalls

Examples

getCodeBills("2007-08", "13.40.0357")

description

Get an XML containing roll call information for all recorded votes on a bill

Usage

getCodeCalls.xml(biennium, billNumber, paired = TRUE)

getCodeCalls.summary(
  biennium,
  billNumber,
  paired = TRUE,
  type = c("df", "list")
)

getCodeCalls.votes(biennium, billNumber, paired = TRUE, type = c("df", "list"))

Arguments

biennium Character vector representing the biennium(s) to be searched. Each argument should take the form "XXXX-YY"

billNumber Character or numeric vector containing the bill number(s) to be retrieved.

paired If TRUE, will assume that equal length vectors represent paired data. Set to FALSE to generate an NxN grid of input arguments. Applies to equal length vector inputs only.

type One of "df", "list", or "xml". Specifies the format for the output.

Value

getCodeCalls.xml returns a list of XML objects for each bill. getetCodeCalls.summary and getetCodeCalls.votes return objects of type equal to the type argument (defaults to dataframe)

Note

Due to the nested nature of the resulting document, we provide various functions to present simplified views of the data that are compatible with more parsimonious data structures. To see the full, original data, use getetCodeCalls.xml instead.
Examples

```r
gvotes <- getRollCalls.summary("2007-08", "1001") # get roll call votes
if(!is.null(gvotes)) {
  length(gvotes) # total number of roll call votes recorded
  gvotes$CountYeas[3] # number of yea votes on roll call vote #3
}

## example: get member id's for all representatives voting against the bill
## on final passage
vgvotes <- getRollCalls.votes("2007-08", "1001")
if(!is.null(vvotes)) {
  nay_vvotesFP <- subset(vvotes, (Motion == "Final Passage" & Vote == "Nay"))
  print(nay_vvotesFP$MemberId)
}
```

---

### getSponsors

*Get legislators*

**Description**

Get a list of all sponsors (all congressmembers) for a given biennium

**Usage**

```r
getSponsors(biennium, type = c("df", "list", "xml"))
```

**Arguments**

- **biennium**: Character vector representing the biennium(s) to be searched. Each argument should take the form "XXXX-YY"
- **type**: One of "df", "list", or "xml". Specifies the format for the output.

**Value**

getSponsors returns an object of type equal to the type argument (defaults to dataframe)

**Examples**

```r
getSponsors("2007-08")
```
getStatusChanges  
Track historical progress on a bill

Description
Get a complete history of all status changes that occurred on a particular bill

Usage
getStatusChanges(
  biennium,
  billNumber,
  paired = TRUE,
  type = c("df", "list", "xml")
)

Arguments
biennium Character vector representing the biennium(s) to be searched. Each argument should take the form "XXXX-YY"
billNumber Character or numeric vector containing the bill number(s) to be retrieved.
paired If TRUE, will assume that equal length vectors represent paired data. Set to FALSE to generate an NxN grid of input arguments. Applies to equal length vector inputs only.
type One of "df", "list", or "xml". Specifies the format for the output.

Value
getStatusChanges returns an object of type equal to the type argument (defaults to dataframe)

Examples
getStatusChanges("2007-08", "1001", type = "list")
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