

# Package ‘AustralianPoliticians’

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**Title** Provides Datasets About Australian Politicians

**Version** 0.1.0

**Description** Provides access to biographical and political data about Australian federal politicians who served between 1901 and 2021. This enhances how reproducible research is that uses this data.

**Depends** R (>= 2.10)

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** false

**URL** <https://github.com/RohanAlexander/AustralianPoliticians>

**BugReports** <https://github.com/RohanAlexander/AustralianPoliticians/issues>

**RoxygenNote** 7.1.2

**Imports** dplyr, readr, purrr, utils, tibble

**Suggests** rmarkdown, knitr, spelling, testthat (>= 3.0.0)

**VignetteBuilder** knitr

**Config/testthat/edition** 3

**NeedsCompilation** no

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`get_auspol`*Retrieve a csv dataset from the `australian_politicians` repository.*

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### Description

`'get_auspol()'` downloads a requested Australian politicians .csv dataset using an associated argument.

### Usage

```
get_auspol(df)
```

### Arguments

`df` A character string used to request an Australian politicians dataset. \*See Request Codes\* below.

### Details

There are four request codes: `'all'`, `'allbyparty'`, `'mps'` and `'senators'`.

The specifics of these are:

- `'all'` requests the `australian_politicians-all.csv` dataset.
- `'allbyparty'` requests the `australian_politicians-all-by_party.csv` dataset.
- `'mps'` requests the `australian_politicians-mps-by_division.csv` dataset.
- `'senators'` requests the `australian_politicians-senators-by_state.csv` dataset.

An incorrect request (an argument not associated with a dataset or non-character string argument) will stop function processes and return an error message.

### Value

The requested dataset using `df` to a user assigned name.

### See Also

`'show_datacodes()'` function help.

### Examples

```
## Not run:  
# Request the Senators by State dataset.  
senators_df <- get_auspol("senators")  
  
# Preview first 10 observations of the dataset.  
head(senators_df, 10)  
  
## End(Not run)
```

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get_reps_senate	<i>Generate datasets for House of Representative and Senate members service dates.</i>
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## Description

'get\_reps\_senate()' generates a dataset for members' service time for the Australian House of Representatives, the Australian Senate, or a joined dataset containing values for both the HoR and Senate. Additionally, will produce a set of arguments that can be used as request codes for the individual datasets.

## Usage

```
get_reps_senate(x)
```

## Arguments

x                    A character string used to request a printout of the request code arguments, \*see Request Codes\* below, or one of three prepared datasets.

## Details

There are four request codes: 'reps\_senate', 'reps', 'senate' and 'codes'.

The specifics of these are:

- 'reps\_senate' - generates a dataset of HoRs and Senate members; - 'reps' - generates a dataset of HoRs members; - 'senate' - generates a dataset of Senate members; and - 'codes' - returns a tibble of codes used to request data.

An incorrect request code (an argument not associated with a dataset or non-character string argument) will stop function processes and return an error message.

## Value

A console printout of a tibble containing arguments to be used with the function, or the requested dataset using x assigned to a user created variable.

## Examples

```
## Not run:  
# Generate a printout of the arguments.  
get_reps_senate("codes")  
  
# Generate combined HoR and Senate dataset.  
reps_senate <- get_reps_senate("reps_senate")  
  
# Preview dataset.  
head(reps_senate)  
  
# Generate only HoR dataset.
```

```
reps <- get_reps_senate("reps")

# Preview dataset.
head(reps)

## End(Not run)
```

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show_datacodes	<i>Produce and send to console a tibble of the data request codes and associated datasets.</i>
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## Description

'show\_datacodes()' produces a tibble of the arguments used with the 'get\_ausdata()' function and the associated datasets.

## Usage

```
show_datacodes(limit = 4)
```

## Arguments

limit	A numeric value used to determine the number of values returned. Default is set to four (4) values, which returns all tibble values.
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## Details

Items under \*Request Codes\* can be used to request and download the associated Australian Politicians dataset.

The specifics of these are:

- "all" australian\_politicians-all.csv. - "allbyparty" australian\_politicians-all-by\_party.csv. - "mps" australian\_politicians-mps-by\_division.csv. - "senators" australian\_politicians-senators-by\_state.csv.

## Value

A console printout of a tibble with a designated number of values set by limit.

## See Also

'get\_auspol()' function help.

**Examples**

```
## Not run:  
# Print out dataset request codes.  
show_datacodes()  
  
# Request "All" Australian Politicians dataset.  
get_auropol("all")  
  
## End(Not run)
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