

# Package ‘WDI’

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**Type** Package

**Title** World Development Indicators (World Bank)

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**Description** Search, extract and format data from the World Bank’s World Development Indicators

**License** GPL-3

**LazyLoad** yes

**LazyData** yes

**Depends** XML

**URL** <http://www.umich.edu/~varel/>

**Repository** CRAN

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extra2010

*World Development Indicators Extra Variables*

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**Description**

Extra variables to merge with indicator dataframes

**Usage**

extra2010

**Format**

A dataframe

**Author(s)**

World Bank WDI

**Source**

World Bank (2010)

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series2010

*WDI List of Available Data Series*

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**Description**

WDI List of Available Data Series

**Usage**

series2010

**Format**

A dataframe

**Author(s)**

World Bank WDI

**Source**

World Bank (2010)

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 WDI *World Development Indicators*


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**Description**

Extract and format data from the World Bank's World Development Indicators

**Usage**

```
WDI(country="all", indicator="NY.GNS.ICTR.GN.ZS", start=2002, end=2005, extra=FALSE)
```

**Arguments**

country	Vector of countries (ISO-2 character codes, e.g. "BR", "US", "CA") for which the data is needed. Using the string "all" instead of individual iso codes pulls data for every available country.
indicator	Character vector of indicators codes. See the <code>WDIsearch()</code> function.
start	First year of data
end	Last year of data
extra	TRUE returns extra variables such as region, iso3c code, and incomeLevel

**Details**

Downloads the requested data by using the World Bank's API, parses the resulting XML file, and formats it in long country-year format.

**Value**

Data frame with country-year observations.

**Note**

The function itself does not take a long time to execute, but the network connection may induce some delays.

Thanks to C and Adam Hyland for submitting code and bug reports.

**Author(s)**

Vincent Arel-Bundock <[varel@umich.edu](mailto:varel@umich.edu)>

**Examples**

```
## Not run:
WDI(country="all", indicator=("AG.AGR.TRAC.NO", "TM.TAX.TCOM.BC.ZS"), years=1990:2000)
WDI(country=c("US", "BR"), indicator="NY.GNS.ICTR.GN.ZS", years=1999, extra=TRUE)

## End(Not run)
```

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WDIsearch

*World Development Indicators Search*

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### **Description**

Keyword search in the names of World Bank's World Development Indicators

### **Usage**

```
WDIsearch(string='gdp', field='N', indicator=NULL)
```

### **Arguments**

string	A text string to search for
field	The information field to search. 'N' is the name of the series. 'LD' is the long description of the series. 'SD' is the short description of the series.
indicator	World Bank indicator string (e.g. 'NY.GNS'ICTR.GN.ZS')

### **Details**

Conducts a simple keyword search in the text of all the names of WDI variables (case in-sensitive grep)

### **Value**

Data frame with World Bank indicator codes and text field where the string was found.

### **Author(s)**

Vincent Arel-Bundock <varel@umich.edu>

### **Examples**

```
## Not run:  
WDIsearch("gdp")  
  
## End(Not run)
```

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