

```
R version 3.4.0 (2017-04-21) -- "You Stupid Darkness"
Copyright (C) 2017 The R Foundation for Statistical Computing
Platform: x86_64-w64-mingw32/x64 (64-bit)
```

```
R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.
```

```
Natural language support but running in an English locale
```

```
R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.
```

```
Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.
```

```
[Previously saved workspace restored]
```

```
> require('quantmod')
Loading required package: quantmod
Loading required package: xts
Loading required package: zoo
```

```
Attaching package: 'zoo'
```

```
The following objects are masked from 'package:base':
```

```
as.Date, as.Date.numeric
```

```
Loading required package: TTR
Version 0.4-0 included new data defaults. See ?getSymbols.
Learn from a quantmod author: https://www.datacamp.com/courses/importing-and-managing-financial-d
ata-in-r
```

```
> ??getSymbols
starting httpd help server ... done
> # get S&P 500 data from FRED (St. Louis Fed)
> sp500 <- na.omit(
+ getSymbols(
+ "SP500",
+ src = "FRED",
+ from = "1949-12-31",
+ auto.assign = FALSE
+ )
+ )
```

```
As of 0.4-0, 'getSymbols' uses env=parent.frame() and
auto.assign=TRUE by default.
```

```
This behavior will be phased out in 0.5-0 when the call will
default to use auto.assign=FALSE. getOption("getSymbols.env") and
getOption("getSymbols.auto.assign") are now checked for alternate defaults
```

```
This message is shown once per session and may be disabled by setting
options("getSymbols.warning4.0"=FALSE). See ?getSymbols for more details.
```

```
> # get S&P 500 data from FRED (St. Louis Fed)
> sp500 <- na.omit(
+ getSymbols(
+ "SP500",
+ src = "FRED",
+ from = "1949-12-31",
+ auto.assign = FALSE
+ )
+ )
> # get S&P 500 data from FRED (St. Louis Fed)
> sp500 <- na.omit(
+ getSymbols(
+ "SP500",
+ src = "FRED",
```

```
+ from = "1949-12-31",  
+ auto.assign = FALSE  
+ )
```

```
+ > sp500
```

SP500

2007-06-29	1503.35
2007-07-02	1519.43
2007-07-03	1524.87
2007-07-05	1525.40
2007-07-06	1530.44
2007-07-09	1531.85
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2007-08-10	1453.64
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2007-08-23	1462.50
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2007-08-28	1432.36
2007-08-29	1463.76
2007-08-30	1457.64
2007-08-31	1473.99
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2007-09-12	1471.56
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2007-09-18	1519.78
2007-09-19	1529.03
2007-09-20	1518.75
2007-09-21	1525.75
2007-09-24	1517.73
2007-09-25	1517.21
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2017-07-05 2432.54
2017-07-06 2409.75
> # get S&P 500 data from FRED (St. Louis Fed)
> sp500 <- na.omit(
+ getSymbols(
+ "SP500",
+ src = "FRED",
+ from = "1949-12-31",
+ auto.assign = FALSE
+ )
```

```
+ djia <- na.omit(> > > > ]
Error: unexpected ']' in "]"
> djia
```