# File Connections

## Interface to outside world

```
str(file)
```

```
## function (description = "", open = "", blocking = TRUE, encoding = getOption("encoding"),
##     raw = FALSE, method = getOption("url.method", "default"))
```

- `description` is the name of teh file
- `open` is a coed indicating:
- "r" read only
- "w" writing (and initializing a new file)
- "a" appending
- "rb","wb","ab" reading, writing, or appending in binary mode(Windows)

## Connections

```
con<-file("foo.txt","r")
data<-read.csv(con)
close(con)
```

is the same as

```
data<-read.csv("foo.txt")
```

## Reading Lines of a Text File

```
con<-gzfile("words.gz")
x<-readLines(con,10)
x
```

## Reading Lines from webpages

```
con<-url("http://www.jhsph.edu","r")
x<-readLines(con)
head(x)
```

```
## [1] "<!DOCTYPE html>"
## [2] "<html lang=\"en\">"
## [3] ""
## [4] "<head>"
## [5] "<meta charset=\"utf-8\" />"
## [6] "<title>Johns Hopkins Bloomberg School of Public Health</title>"
```