

## 0.1 zeligDepUpdate: Download Zelig Dependencies Packages

### Description

Compares the packages in Zelig-matrix of dependencies to the locally installed packages. Finds local packages that have lower versions than in the corresponding row of the Zelig-matrix. Also, finds packages that **Zelig** required but are not installed locally. Downloads packages that are locally installed with lower versions and those from the Zelig-matrix that are not installed. The download repository is taken from either the default *repos* argument or from the 'URL' column of the Zelig-matrix of dependencies.

### Usage

```
zeligDepUpdate(destdir = NULL, installWithVers = FALSE, lib.loc = NULL,  
repos = "http://cran.r-project.org")
```

### Arguments

<code>destdir</code>	directory to store the compress source-codes of packages that are downloaded from web repositories.
<code>installWithVers</code>	if TRUE, will invoke the install of the package such that it can be referenced by package version.
<code>lib.loc</code>	character vector describing the location of R library trees to search through (and update packages therein).
<code>repos</code>	character vector, the base URL(s) of the repositories to use, i.e. the URL of the CRAN master such as "http://cran.r-project.org", which is the default, or its Statlib mirror, "http://lib.stat.cmu.edu/R/CRAN". Can be NULL to install from local zip files.

### Value

No return value.

### Note

Installs first level dependencies packages of **Zelig** using R function `install.packages` with the variable *dependencies* set equal to TRUE. If the installed packages have versions higher than the corresponding entry in Zelig-matrix, they are reported with a message. If

the R version in the local environment is different from the R version that **Zelig** depends on, then, it is reported with a message and no further action is taken.

## Author(s)

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## References

King, Gary. Zelig: Everyones Statistical Software. <http://gking.harvard.edu/zelig>.

## See Also

`zeligDepStatus install.packages`

## Examples

```
##checks all libraries curently know for packages
## Not run: zeligDepUpdate()
##finds packages only in lib.loc
## Not run: zeligDepUpdate(lib.loc=~/.R/mylibrary")
```