

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

destdir	directory to store the compress source-codes of packages that are downloaded from web repositories.
installWithVers	if TRUE, will invoke the install of the package such that it can be referenced by package version.
lib.loc	character vector describing the location of R library trees to search through (and update packages therein).
repos	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")
```