0.1 `zeligDepStatus`: Zelig Dependencies Packages Client Status

Description

Compares Zelig-matrix of dependencies to the locally installed packages. Finds those packages that **Zelig** depends on and are not installed in local environment. Also finds those packages that are locally installed but with lower versions than those required in the dependencies matrix. The Zelig-matrix includes any of dependency fields in the 'DESCRIPTION' files, i.e. depends, imports and suggests, for any packages directly derived from **Zelig** and for any of the models that **Zelig** supports.

Usage

```
zeligDepStatus(lib.loc = NULL)
```

Arguments

lib.loc   a character vector of directory names of R libraries, or NULL. The default value NULL corresponds to all libraries currently known. If the default is used, the loaded packages are searched before the libraries.

Value

Returns a matrix of packages that are either installed locally with lower versions, or packages not installed but listed in the Zelig-matrix of dependencies. The matrix rows correspond to the packages and the columns contain the following fields

Package   names of packages.

Version   versions locally installed

Zideal   versions required in Zelig-matrix of dependencies.

Note

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 futher action is taken. If the installed packages have versions higher than the corresponding values in the Zelig-matrix, it is reported with a message.

Author(s)

Ferdinand Alimadhi and Elena Villalon

References

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

See Also

`installed.packages packageDescription zeligDepUpdate`

Examples

```
## find packages in all libraries currently installed
## Not run: zstatus <- zeligDepStatus()
## find packages only in lib.loc
## Not run: zstatus <- zeligDepStatus(lib.loc="~/.R/mylibrary")
```