

Package ‘RExcelInstaller’

January 23, 2012

Type Package

Title Integration of R and Excel, (use R in Excel, read/write XLS files)

Version 3.2.3-1

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Collate installRExcel.R firefox.R

OS_type windows

Depends R (>= 2.12.0), rcom (>= 2.1-3)

Suggests Rcmdr (>= 1.3-13)

Enhances Rcmdr (>= 1.3-13)

Description REExcel, an add-in for MS Excel on MS Windows, allows to transfer data between R and Excel, writing VBA macros using R as a library for Excel, and calling R functions as worksheet function in Excel. REExcel integrates nicely with R Commander (Rcmdr). This R package installs the Excel add-in for Excel versions from 2003 to 2010. It only works on MS Windows. REExcelInstaller installs REExcel for all supported versions of Excel found on the target machine. The LGPL license only applies to the installer, not to the Excel addin it installs.

SystemRequirements Windows, Excel

License LGPL

URL <http://rcom.univie.ac.at>

Repository CRAN

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RExcelInstaller-package

RExcelInstaller; installing RExcel for connecting R and Excel

Description

The Excel add-in RExcel allows to transfer data between R and Excel, writing VBA macros using R as a library for Excel, and calling R functions as worksheet function in Excel.

The package RExcelInstaller itself only serves as installer for Excel add-in(s). Once the appropriate add-in is installed, it is not necessary to load the package any more.

To server its purpose, the installer downloads a Windows installer program from the site `rcom.univie.ac.at` and runs it. This installer installs the necessary Excel files and the associated documentation. It also creates an uninstall program for RExcel. This uninstall program is accessible from the usual place, the Add or Remove Programs item in the Windows Control Panel. New version of RExcel can be installed over older ones, uninstalling the older version manually is not necessary.

All the documentation for RExcel is available from the RExcel Help item in the RExcel menu which is installed in Excel.

In Excel 2003 and earlier, the menu is placed on the main Excel menu bar, in Excel 2007 it can be found on the Add-Ins Ribbon.

Details

Package: RExcelInstaller
 Type: Package
 Version: 3.0.8
 Date: 2009-01-15
 License: LGPL

RExcel allows to transfer data between R and Excel, writing VBA macros using R as a library for Excel, and calling R functions as worksheet function in Excel.

The easiest way to run RExcel is with R installed on the same machine as Excel. To make this possible the package `rcom` or the R (D)COM server (currently available from CRAN in section (Other)) have to be installed on the machine.

RExcel can also be used with a remote server. In this case, the (D)COM server has to be installed on the machine running R.

RExcel cooperates nicely with the `Rcmdr` package (also called R Commander written by John Fox)

by optionally displaying the R Commander menus as Excel menus. It also integrates R Commander plugins into these menus.

RExcelInstall installs a certificate for code signing. This certificate is issued by “RExcel Team 2008”. All the Excel files contained in RExcel are signed with this certificate and therefore can be run from any directory almost independently from the security settings of Excel.

It is possible to install (or update) RExcel on a machine without Internet access. To accomplish this, download the file <http://rcom.univie.ac.at/download/RExcel.distro/RExcelInst.latest.exe>, transfer it to the machine without Internet access and run it on this machine. Administrator privileges are to run this installer.

Author(s)

Erich Neuwirth with contributions from Rich Heiberger

Maintainer: Erich Neuwirth <erich.neuwirth@univie.ac.at>

References

Erich Neuwirth and Thomas Baier, Excel :: COM :: R, Computational Statistics 22(1), 2007

See Also

[Rcmdr-package](#)

installRExcel

installRExcel, install Excel add-in RExcel

Description

Installs RExcel, an Excel add-in connecting R and Excel on Windows. The installRExcel() downloads and runs a Windows installer program.

Usage

```
installRExcel(ForegroundServer=FALSE)
```

Arguments

ForegroundServer

Configures RExcel to either use the background server (default) or the foreground server

Details

installRexcel downloads a binary installer RExcelInstaller.latest.exe from its web site, <http://rcom.univie.ac.at/download/RExcel.distro>.

The sources for creating this binary (using Inno Setup) are available from this web site also.

Additional tools are needed to build the binary.

RExcelInstall installs a certificate for code signing. This certificate is issued by “RExcel Team 2008”. All the Excel files contained in RExcel are signed with this certificate and therefore can be run from any directory almost independently from the security settings of Excel.

RExcelInstall needs to be run with administrator privileges. Once an administrator has installed the add-in, each user wanting to use the add-in has to run this command also once. This is necessary because the list of installed add-ins in Excel can be different for different users and RExcel at first is available only for the installing user.

It is possible to install (or update) RExcel on a machine without Internet access. To accomplish this, download the file <http://rcom.univie.ac.at/download/RExcel.distro/RExcelInst.latest.exe>, transfer it to the machine without Internet access and run it on this machine. Administrator privileges are needed to run this installer.

When the installer program is run, it creates an uninstaller which later can remove RExcel.

Note

Special thanks to Richard Heiberger for extensive testing and valuable suggestions.

Very special thanks to Thomas Baier: without his statconnDCOM tools, RExcel would never have been possible.

repair.firefox

Repairing Firefox configuration in Windows

Description

HTML help has some problems when Firefox is the default browser in Windows. The problem is described in http://kb.mozillazine.org/Windows_error_opening_Internet_shortcut_or_local_HTML_file_-_Firefox. This toolkit helps to overcome the problem.

Usage

```
repair.firefox()
```

Details

repair.firefox() removes DDE-related entries for Firefox from the registry to solve a problem on Firefox startup when Firefox is the default browser.

Author(s)

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