

Known Issues and Additional Information for Revolution R Enterprise 6.0.1

RevoScaleR

Distributed Computing:

Known Issues

- When running in the RPE in the Debug solution configuration, instrumented expressions fail in 'foreach' when run under a distributed compute context with doRSR.
- The distributed computing analysis functions currently require that the data used for computations be in the same location on all nodes (that is, if a data file is on c:\data on one node, it is expected that the data file will be on c:\data on all nodes).

Additional Information

- Distributed computing functionality is not supported for 32-bit Windows HPC Server node installations of Revolution R Enterprise.
- In extremely long sessions with frequent distributed computing calls to Windows HPC Server, a memory leak may occur.
- On Windows XP systems, rxExec and rxGetJobResults may take a long time to return if autoCleanup=TRUE.
- Distributed computing jobs can appear to be inactive if a hidden authentication window is waiting for input by the user.

Data Manipulation

Known Issues

- Using a transform to change a variable's data type is not supported when repeated calls to rxImport or rxTextToXdf are used to import and append rows, combining multiple input files into a single .xdf file.

Additional Information

- If you use data sets with extremely large numbers of variables (e.g., over 40,000), you should set the max-ppsize flag when starting R in order to use functions such as rxGetVarInfo . For example, using R directly (i.e., rgui.exe or rterm.exe), set the max-ppsize=500000 when you type R: R --max-ppsize=500000. On Windows with the RPE, set the max-ppsize flag in the call to the RevoIDE executable: RevoIDE.exe /RCommandLine --max-ppsize=500000.

Analysis Functions

Known Issues

- The rxLogit function removes missings from all variables that are read from the data source before doing any transformations or computations.
- Ordered factors are treated the same as factors in RevoScaleR analysis functions.

The R Productivity Environment

Additional Information

- You cannot debug into code that has been loaded using the source() function within a script. However, if you load the code with the revoSource() function, the code will be instrumented for debugging and can be entered by the debugger.
- Installation on 32-bit Windows Server 2003 SP2 sometimes results in the warning: No template information found. To resolve the issue, run the following as an admin at the command prompt in the IDE32 directory of your installation: REvoIDE.exe/installvstemplates
- The first time you launch the help system, it may set itself to use online help before local help. If this occurs, you may not see the correct help for RPE dialogs. To be sure you have the correct help available, choose Options... from the Tool menu, then expand Environment, then expand Help, and click Online. Under "When loading help content," select "Try local first, then online."