InfiniLinks Version 1.4.1

Release Notes v1.0
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This is release version 1.4.1 of the InfiniLinks software, a minor release fixing several bugs introduced in version 1.4.0 of the software. Most of the bugs fix problem associated with the communications components. One bug in particular may cause data corruption when using the ODBC communications client.

Installation Notes

Similar to previous versions of the program, the Windows software comes in two InstallShield installation packages, one for the server software and one for the monitor and corresponding configuration tools. Version 1.4 can be installed over previous versions of the software; however, it is not recommended that this release be installed over the preview release of version 1.99. UNIX platform releases are sent as two tar archive files, one including updated binaries, and a second containing updated configuration files.

For UNIX platforms, extract the contents of the binary tar file over the existing files in your INFINILINKS_ROOT/bin directory. Extract the contents of the config tar file into your INFINILINKS_ROOT/config directory. This will overwrite all of your standard initialization files except your server.ini config file. A new file will also be inserted into your config directory called strings.ini Open the strings.ini file and copy and paste the contents of this file over the strings section of the server.ini file. This will update the error messages within the server.ini file.

This is the last time UNIX users will need to manually update the strings section of the server.ini. Changes to the algorithm for handling error messages will eliminate the need to perform these steps after version 2.0 is released.

A final warning for users who may have made changes to their interp.ini config file: this process will overwrite any changes you have made to your interp.ini file. It is recommended that you manually add any changes back in to the [ParseValues] section of interp.ini.

Bug Fixes

The following bug fixes have been made to the Win32 installation routines:
- **(00001086) Install program throws error if service already installed** – The installation routine would not check to see if the ilsrv.exe service was already installed, causing the Windows Services Control Manager to throw up an unsightly error message. A check has been added to skip installation of the service if it already installed.

The following bug fixes have been made to the CDL module of the InfiniLinks server:
- **(00001090) Communications Client error messages not displaying properly** – An error was introduced in version 1.4 of the InfiniLinks software that caused the communications client to stop reporting run-time and configuration error messages to the server. This caused significant trouble when trying to troubleshoot new comm. client configurations. The problem occurred because the error codes were not synched with the numbering scheme of the error messages in the cdl.ini file. The problem has been fixed.
- **(00001091) LOGMSG builtin not logging messages to local log file** – There was a problem with the new LOGMSG functionality in version 1.4. Putting a "1" in the second argument of the LOGMSG builtin should have caused the file to write the string in argument 1 to the comm. client's local file, instead of the

server's log file. The problem has been fixed. The error occurred because of an improper return value in a function that checked the log file's size to ensure it had not maxed out all of the space allocated to it.

- **(00001087) – ODBC communications client hangs and utilizes 100% CPU –** A new bug introduced in version 1.4 caused the ODBC communications client to corrupt data and caused the behavior of the RECEIVEDATA builtin to change. The problem occurred because the internal receive buffer was not properly terminated with a NULL character before returning control back to the end-user. The problem has been fixed.

The following bug fixes have been made to the server module:

- **(00001088) – Server crashes when starting under SuSE Linux version 9 –** A problem in the startup routines called the server to crash at startup under version 9 of SuSE Linux. The problem has been fixed.

Known Issues

The following issues with the TML sub-module are still pending resolution at the time the software was released:

- **(00001068) Bug in TML Loop function --** When putting together a loop until fail construct, if the loop command fails on the last TML function within the loop, the sentence will not break out of the loop and will enter an endless loop. The following sentence will cause the TML engine to enter an endless loop: -f-L{-A--c-ml} If the move one command fails, instead of breaking out of the loop as it should, it will instead restart at the beginning of the loop.

Documentation

No modifications to the help files or end-user documentation have been made at this time.