

CHANGES IN GECS 3.11 PACKAGES

Starting with the October 2004 package, you will find a file named PKGDATE.TXT that holds the date of the last package installed. Earlier versions can check the date of the GECSDBMS.EXE.

Changes in December, 2004 Package

The usage screen for the GECSARES command line utility has been modified. It now displays maximum jobs instead of maximum users.

The GECS.INI file entry [Controller] DeleteOnlySuccessfulJobs=1 to keep failed jobs when the Controller is set to 'Delete Jobs on Completion' will now also keep failed jobs from being trimmed by the DBMS when 'Days of Completed Jobs to Keep' is set. In the past, all jobs were trimmed.

A change was made to the HPUX agent to be able to run jobs that need to login as submitting user.

Changes in October, 2004 Package

You may notice that the Agent version build numbers have gone down. This is ok for now. The current build number on the DBMS, Controller, Web Manager and Agent is 248.

A change was made to the HPUX Agent in regards to the way it handles shell scripts when launched without proper permissions. This was causing subsequent jobs to fail to capture standard output.

A new -L option can be added to the DBMS, Controller, Agent and Web Manager command lines to write a log file of the messages displayed on these components when run on the desktop. To use this feature include -L filename on the command line when starting the DBMS, Controller, Agent or Web Manager.

A change was made to the TCP/IP portion of the controller such that when it encounters an error, it processes the error more smoothly. In some cases, it will attempt to retry the operation that encountered the error and in other cases it will log the error and continue processing.

GECS experienced a problem at certain times due to a problem in Microsoft's TCP/IP stack and WinSock drivers. If the call to recv() failed to return, the program could freeze or hang. The higher the TCP/IP activity, the more likely this was to occur. This new version has changed how GECS uses TCP/IP to

work around this problem. This impacts the TCP/IP communications in all portions of the product.

Changes in the July, 2004 Package

A change was made to the way GECS handles Static Batch rescheduling. Batches scheduled using Special Schedules were not scheduling all Batch Jobs correctly.

New installations of GECS (not upgrades) have new default settings in the GECS.INI file. The following settings are now used. [DBMS] RecvTimeout=300, SendAttempts=50, TV_SecTimeout=50 and DBMSTimeout=100.

An enhancement was made to allow users to set the return code for jobs skipped due to vacation, invalid time period or lateness. This is accomplished by entering the following setting into the GECS.INI file. [DBMS] SkipRetVal=n. Where n is the number to record as the skipped job's return code.

An enhancement was made to the GECS Event Definitions for new installations (not upgrades). A new Event Definition exists if the GECS DBMS cannot retrieve Standard output or a job status from an Agent.

An update was made to the way 100ths of a second is maintained by the GECS system. Specifically, this effected the way Event times and Job times related, causing a potential for Jobs with Event Dependencies to run out of sequence.

Changes in the June, 2004 Package

1725 – An update was made to the GECS Administrator program to resolve “Undefined Vform Control” Errors.

1784 – An issue with scheduling static Batches using Special scheduling was resolved.

1787 – Default settings used in the GECS.INI file were updated. The [DBMS] Section now contains RecvTimeout=300, SendAttempts=50, TV_SecTimeout=50 and DBMSTimeout=100.

1799 – An update was made to correct a problem with the GECS.INI file setting [DBMS] SkipRetVal=n. This allows you to set the return codes for jobs that are Skip and Rescheduled.

Changes in the April, 2004 Package

Changes were made to the Windows Agent in regards to the way Environment Variables are substituted.

The DBMS program was modified to trim Events more efficiently.

When a job is configured to not Create Events, the job can now generate Events on Failure or Success.

The Event Definition Email Subject now includes the Event Number on new installations. Upgraded systems are not changed.

The GECSDUMP utility has been modified to allow you to specify single instances.

The Studio Worksheets module was updated to address an issue printing complex worksheets.

The DBMS program was modified to better handle jobs skipped due to conflict with vacations, invalid periods and lateness.

The "This jobs Schedule" selection now reflects invalid periods and vacations.

The following new GECS Substitution variables have been added: @SCHNBD, @SCHNBDL, @SCHPBD, @SCHPBDL to give the next/previous business day.

GECS Components now use the TV_SecTimeOut option set in the GECS.INI file to adjust communications settings.

DBMS error 4 is no longer generated when the job to reactive on lateness or failure does not exist.

Users can no longer update the "User's Events" view to cause the GECS DBMS program to generate errors.

The GECSCUSE utility was updated to work better under high activity.

The return codes for jobs that are Skip and Rescheduled is now configurable via the GECS.INI file using the SkipRetVal=n setting in the [DBMS] section. Jobs skipped and Rescheduled now return 255 by default instead of zero.

A problem printing Studio Worksheets icons has been fixed.

When the job record's, Job Class field is blank, it is no longer considered to be a class when limiting jobs to a maximum number per class.

Studio Worksheets have been improved so they now are able to print long job

names.

Updates were made to the GECSPURG, GECSDDEL and GECSLDEL utilities so they work better under load.

The GECSBREM utility was updated to allow a user to select a Batch if one is not specified.

Changes were made to correct an issue with Internet email not displaying the correct time. The Internet email timezone offset in the Date header now includes 4 digits (-0800) instead of 3.

The Batches program now warns the user if they are about to Schedule a Batch that contains Batch Job Dependencies that are not part of the Batch.

A focus problem was fixed in the scrolled Batch jobs list.

Right clicking on Batches that are displayed in the Administrator when using Batch Summary mode no longer displays options that do not work.

Changes were made to improve the Winzip package installer.

An update has been made to Event Definitions to cause Event 203, indicating that the GECS License has been exceeded, to be turned ON by default.

A new utility has been added, GECSARES, to allow resources to be added to the GECS system from a CSV file.

Changes have been made to the GECS CONV utility to make it run correctly.

When Deleting Resources in Administrator by right clicking on the resource in the left column list, they now display and position your cursor correctly.

The Folders column of the Administrator program no longer displays 0 items when you right click on the column header.

A Security Profile problem with Departments has been fixed. View Department jobs and Edit Department jobs now displays and functions correctly.

When Not using Direct Data Access, Administrator can now display "This jobs Schedule" without generating errors.

The Administrator now restores to maximized size properly.

Batch variable substitution now works on the "Job Title", "Resources" and "Mail To" fields.

Printing problems with Studio Worksheets titles have been fixed.

Changes were made to the DBMS pertaining to deleting records