

CHANGES IN GECS 3.60 PACKAGES

GECS version 3.60 started shipping August 29th, 2006.

You can find the date of the last GECS package installed by looking in the file named PKGDATE.TXT located in your GECS program directory.

The following lists major changes to this package. Back end code optimization and/or documentation changes are not always listed.

Changes in June 24th, 2009 Package

MPE/iX agents now capture output.

Fixed a bug when using the GECS Agent to set environment variables. If the current environment was larger than 4k the agent would GPF.

Corrected an issue with the Windows Agent that sometimes added a single space to keystuffing.

Changes in February 5th, 2008 Package

The DBMS (GECSDBMS.EXE) now allows WRK files with a date of 02/29/*nnnn*.

Changes in August 8th, 2007 Package

The substitution variable %q now works correctly for all months.

Changes in July 9th, 2007 Package

Corrected an issue when using an incorrect user login causes the job itself to become stuck running.

Fixed vacations such that if using a vacation scheduled into the future with the 'wait on conflict' option, jobs would be marked complete or rescheduled before the vacation period happened.

Changes in June 25th, 2007 Package

All columns within Job Views not sort correctly.

When using substitution variables on a keystroke field, if the field's length becomes longer after the substitution has taken place GECS will concatenate any extra text to the next keystroke line.

An additional configuration file entry has been added. By adding VariableRequired=*n* under the [BatchManager] section of the geecs.ini file you can now control whether GECS allows you to submit blank batch variables or not.

Changes in May 18th, 2007 Package

Additional logical has been added to Job Dependencies. GECS will no longer validate that a Job Dependency has been met without the record being on file.

Corrections have been made to prevent jobs from being stuck running.

Changes in April 27th, 2007 Package

A change was made to correct an issue with job dependencies when using WRK files. A hundredth of a second was added as 1 instead of 0 when jobs were added via wrk files. This could potentially cause a problem with job dependencies where jobs could run out of sequence.

Changes in April 23rd, 2007 Package

Internal changes were made dealing with the way jobs are dispatched and targeted to run.

Changes in April 18th, 2007 Package

Corrected an issue where sending large amounts of email, could cause the DBMS to quit.

Removed error checking for the variable keepdone. You can now create jobs that use job level trimming using the SDK.

Changes in March 22nd, 2007 Package

Addressed a potential issue with the DBMS locking a record and possibly trying to access that record with another thread causing a Event 304 Database Error 4.

Fixed an issue which when using a repeating job schedule job dependencies would not work correctly.

Changes in March 1st, 2007 Package

Added a flag to the GECSVAPP command line utility. GECSVAPP now accepts “-j *jobname*” as it's argument and will open that job's details page.

Substitution variables @PMOLBD and @PMOLBDL now properly substitute.

Fixed an issue where the 'file attachment' field was not being copied when scheduling batches in the background.

The “why this job can't run” option was modified to include job names even when the job's start time is in the future.

Changes in February 23rd, 2007 Package

Shortcuts are now created properly when installing GECS on Windows Vista.

Removed user permissions verification upon launching the workstation setup application.

Changes in February 5th, 2007 Package

Fixed an issue which caused file attachments to not always send to the correct users/groups.

Batch variables now substitute properly when scheduling jobs using the Web Manager.

GECSSTOP will now stop the DBMS from running.

TCP/IP Errors and SMTP Errors no longer send emails when either event is created, even if you have email defined. This addresses an issue which caused the DBMS to loop with reoccurring email events.

Addressed a bug in the December 7th package which causes Advanced Predecessor Style Scheduling to not work correctly.

The 'never late' field now copies correctly when using the 'copy scheduled jobs' option within batch manager.

A change was made to the GECSRBLD command line utility to fix an issue when upgrading, where the SERVERS column in a job record is filled with NULL characters rather than spaces.

Changes in December 7th, 2006 Package

A change was made to the way GECS dispatches jobs when JobsAssignedToAgents=1, where jobs now launch in the correct order according to their job priority.

Changes were made dealing with the way GECS reschedules jobs when they reach invalid time periods.

Changes in November 16th, 2006 Package

An issue has been resolved dealing with the way the DBMS polls agents. In certain circumstances, if the DBMS lost connection with a specific agent it sometimes would not mark the agent as offline. Likewise, if an agent came online, the DBMS would not flag it as online. When this happened, the agent times would not get updated and it could appear that jobs were stuck in a running status.

When using the GECS web clients, Event 85 - "Set job to terminate" is now generated appropriately if a user clicks terminate on a running job when using the web clients.

A change was made to the way GECS handles long trigger files. There was an issue with the length of a string in the trigger file field where it could cause an agent to stop.

Changes were made to the way valid times are handles when the GECS.INI file is configured with JobsAssignedToAgents=0. In the past, if a job reached an invalid time period, it could cause the controller to stop dispatching jobs.

Changes in November 8th, 2006 Package

New features have been added to GECS to help make automating jobs that perform FTP file transfers easier. These features include new substitution variables @NETUSER and @NETPASS and the ability to use the job notes field to redirect as standard input on Windows agents.

An enhancement has been made to the GECSBATS command line utility. A new /N command line option has been added to cause the utility to append a unique number to the batch name when the batch is scheduled to allow a batch to be submitted multiple times without having issues with overlapping job dependencies.

The GECS SDK product now supports VB.NET.

The 'never late' field is now copied appropriately into a batch when copying scheduled jobs.

The GECSPASS command line utility was updated to allow users that do not have authority to edit users, to use this utility to change their own user passwords.

A change was made to eliminate a [version] field error when upgrading from ECS v5.5.

A change was made to the GECSRBLD command line utility to fix an issue when upgrading, where the SERVERS column in a job record is filled with NULL characters rather than spaces.

The IP communication routines in all GECS components have been reworked to allow for better stability.

Changes were made to deal with an issue relating to valid time periods where a reschedule on conflict with valid times did not occur and the appropriate events were not being generated.

Changes in October 10th, 2006 Package

The following fields are now being properly initialized when excluded from a wrk file. The fields are: keys1, keys2, keys3, keys4, supplies, premsg, postmsg, cmdexe, pathexe, loginuser, loginpass, batdep0, batdep1, batdep2, batdep3, batdep4, outstring1, outstring2, skipbatifskipped, runonstartagent, and scanoutput.

The @FILE and @JOB.COM substitution variables now substitute properly on the job command line.

ECSDBDefaults() now properly fills the following fields in the SERVERS table with default values:
AgentVersion, SystemView Icon, Terminal Command.

Changes have been made to GECSAPI.BAS. In Public Type ECSSERVER doopenserver As Byte is now dofreebsd As Byte, reactivatemin As Integer is now httpport As Integer, agentstat As Integer is now agntstat As Integer. There is now a public constant defined for the UGROUP table as follows: Public Const ECST_UGROUP = 22000.