



Information Engineering Technology



Release Notes

Release 8.8.3

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Introduction

Changes marked with a ‘***’ indicate fixes to high severity issues and it is highly recommended that the service pack is installed if you are likely to be affected by these issues.

Changes marked with a ‘*’ indicates fixes to medium severity issues or a change in behaviour and again it is recommended that the service pack is installed if this issue is likely to affect you.

General

Remote Processing Daemon

IET is delighted to announce the availability in Release 8.8.3 of significant new component for GuardIEn called the Remote Processing Daemon.

The GuardIEn Remote Processing Daemon (RPD) provides integrated file transfer and remote processing services for GuardIEn as an alternative to using standard remote or secure shell and FTP utilities. It is especially useful for sites where a suitable and/or secure remote shell product is not installed or configured or where current use of insecure protocols like FTP is discouraged or not available. Note that use of the RPD is optional, and existing support for FTP/SSH utilities is still available.

GuardIEn uses file transfer services for:

- Transferring transaction (.trn) files between the toolset and encyclopaedia server for upload/download tasks
- Transferring XOS files between the client and the XOS file server(s)
- Transferring XOS minor version files between the client and encyclopaedia server
- Transferring remote installation (.rmt) files from a GuardIEn CSE server to a remote build server
- Submitting MVS batch jobs from a GuardIEn CSE server
- Transferring HE-XGen and Remote processing .trn and .ctl files from the HE to the CSE server

GuardIEn uses remote processing services for:

- Processing XOS migrates and builds on a file server
- Processing installs and other SU steps on a remote build server

The RPD can be used to fulfil all of the above file transfer and remote processing services, replacing the need to implement or maintain separate 3rd party products.

The RPD consists of two components:

- The RPD Listener executes as a service on the GuardIEn and/or remote server and processes requests issued from the client. The RPD listener is a multi-threaded application to provide a high level of concurrency and availability.
- The RPD client resides on the requesting machine and sends processing requests to the RPD Listener. The client is embedded within the GuardIEn client and server executables and is also available as a command line interface (CLI) standalone program to enable script integration.

If you wish to use RPD, consult the *Remote Processing Daemon* installation and configuration guide which is installed with the GuardIEn client.

Studio

Data Structure Editor for large models

If the number of rows returned from extracting the data structure exceeds 9999, the list is not displayed. A warning is now issued.

Project Settings and System Admin Tabs

The various editors accessed from Project Setup and System Admin are now displayed in separate tabs to allow them to be open concurrently.

The Project Property and Target Property editors now show the various categories and properties in a single tree structure rather than separate listboxes for the categories and properties within them and various improvements like an unset feature for target properties to allow multiple properties to be unset. The replace text function now operates on the selected rows rather than all rows within a category.

Filter in/out OLE methods/properties to simplify PAD suggestion lists

In the PAD editor, the auto suggestion list now provides a filter (F5 shortcut) for hiding/showing OLE methods/properties. This simplifies and shortens the suggestion list so it is more readable. By default, the list will include OLE items, except for WHERE clauses in READ/READEACH statements.

RI Trigger Custom Naming

Custom naming rules can be defined for entity and relationship triggers in Model Preferences. When a new entity or relationship trigger is created, the trigger name is populated from the custom naming rule.

REST ComposedSchema

The parsing of a REST OpenAPI specification now includes support for ComposedSchemas.

Migration

CR11945 Cross-CSE migrate migrate fixes

- 1) A cross-CSE migrate copy tran file step can fail if the parameters (machine name, path, etc.) are lengthy since the total limit of 150# for the command line is exceeded. The limit has been increased.
- 2) The task dispatcher lock test can incorrectly fail for a cross-CSE spec migrate.

System Updating

CR11930 GENXDEFn support on HE steps

The GENXDEFn deliverable property that allows you to specify a default exclusion for a code generation variant has been implemented for HE SU steps.

CR11933 Backup Migrate Status Update

The status update performed at the end of a backup migrate step can omit to update the status of a version to the B state

CR11938 Prevent status migration abends during post checks (HE only)

Post Migration SU check encounters a -811 due to duplicate rows retrieved from SELECT only clause. This is now fixed.

Task Dispatcher & Task Assistant

CR11934 Include failure message in task output file

When the Task Dispatcher marks a task as failed, the error reason is now also written to the Task .out file otherwise it is only visible in the TD log.

XOS

CR11926 XO Processing Fixes

- 1) Fixed issues related to use of &XOID as a parameter in an XO process definition
- 2) Fixed issue with XO processing not completing the task

CR11935 XO Synchronise

The Synchronise XO function now assigns a new version if the XO is assigned to an old release which differs from the Target/CR release

CR11941 XOS Parsing fixes and enhancements

- 1) Fixed an issue where parsed associations were not always stored
- 2) Improved performance for matching parsed associations
- 3) Changed location of CFunctions.lst in client parser from GDSWPATH to GDCLPATH
- 4) Added support for function mask in C Functions exclusion list, i.e. ucnv*

**** CR11943 XOS Parser Update***

The number of properties supported by the XOS parser has been increased from 25 to 100 and the number of returned C functions from 20 to 95.

This involves a change to the GdParse client exit. If you use a custom version of the parser exit, you will need to re-download the exit source which contains an update GdParse.h header file and re-compile the exit.

Object List+

CR11931 IET169 Inline Code Check

Added a new check that inline code statements are consistent with the specified environment string, for example, if the environment is specified as C and ORACLE, then the INLINE code statements must target the C language and ORACLE if the DBMS is specified, and different environments are not ignored.

VerifiEr

CR11937 Include p-step use in multi-model expand

When expanding p-steps using Object List+, if the option 'Include PStep USE in Expand and Full Expand' is switched on, this only affects impact analysis performed in 'single model' mode. It now also is used for action block expansions in multi-model and CBD model mode.