



Information Engineering Technology



# Release Notes

Release 8.8.5

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## Introduction

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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

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### ***CR12012 RPD support 0 byte file put/get***

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In certain situations (e.g. Endeavor Interface) the RPDCLI needs to be able to transfer a 0 byte file.

### ***CR12013 Viewing MVS Task Error output***

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If an MVS step fails and there is no detailed output to view in the error report, the summary information is not displayed. This has been fixed.

### ***CR12016 CR Content API***

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A new CR Content API is now available to list and update CR content records.

### ***CR12019 PAD Statements incorrectly displayed***

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The GuardIEn PAD viewer can display IS LOCKED / IS NOT LOCKED statements incorrectly as IS NOT POPULATED on the CSE.

### ***CR445ECL CREATE auto-add new view for ASSOCIATE uses wrong Entity Type***

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When using the facility to auto-create a new view for an ASSOCIATE statement in a CREATE, the new view may be created of the wrong type - the Entity Type being CREATED rather than the Entity Type at the other end of the relationship

### ***CR12022 Edit expression gives incorrect NOT EQUALS vals***

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When editing an expression using GuardIEn PAD Editor / genIE Direct, a NOT EQUALS operator value is not always interpreted correctly on HE.

### ***CR12023 Show SQL set RPD as default***

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The Show SQL Logon details dialog should default to use RPD for COBOL code when the FTP details (CSE) or RPDTRAN (HE) has been defined to use RPD

### ***CR12029 Version Code Allocation***

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If the DECIVER and VERREL project properties are set to YES so that the version code has decimal places and the version code is based on a system release which has a numeric part that is 3 or more characters long, the maximum version code available is 9 (i.e. RRR.9 where RRR is the numeric portion of the release code). The version code allocation algorithm now uses characters A-Z, so the next version code after RRR.9 will be RRR.A, then RRR.B, etc.

### ***CR12031 Relationship names in Object and Properties report***

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The Objects and Properties report for an entity type lists the relationships but the name (rel name + dest ent name) is truncated at 48 characters. The report now shows the full relationship and entity type name.

### ***CR12040 Smart action on Pstep***

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The Object List+ 'smart' usage on a procedure step shows the calling action blocks that have a PStep USE for the procedure step. However, these are not displayed if the USE statement is disabled. The Smart function will now display the USEs of a p-step if the 'Include Disabled Statements' option is selected.

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## ***CR12056 Long MVS Passwords***

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Fixed issue where passwords > 8# were still not allowed even if the GDN\_MVS\_LOMNG\_PASSWORD environment variable was set to YES.

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## ***CR12057 commcfg.ini persistent and secure parameters***

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The GuardIEn Server Selection utility that maintains the commcfg.ini now supports the definition of the connection\_persistence and CICS SSL parameters

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## **Studio**

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### ***REST OpenAPI***

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If a description is entered for a REST service resource or operation, this is now included in the generated OpenAPI specification.

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### ***CR12006 WSDL for default SOAP service***

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The generated .wsdl for a SOAP service using a default load module web service incorrectly includes the load module name twice in the service definition.

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### ***Compare to Minor Version***

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The PAD Editor contains a new feature in the Actions menu to compare the current PAD to a minor version. Invoking this function displays a dialog box from which a minor version is selected. The current PAD is then extracted to a text file in the same format as the minor version and a Beyond Compare window is opened to display a line-by-line comparison between the current PAD and the minor version. The PAD must be saved to be able to invoke this function.

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### ***Default Return Exit State***

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You can specify the name of a default 'returns on' exit state in the Model Preferences. If this preference is set and an exit state is found in the model or subset with this name, then when adding a new link dialog flow, the returns on exit state is defaulted to this exit state.

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### ***Search Text includes views***

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The search and replace text function now includes view names as part of the search when <ALL>, Action Diagram or Views is selected. Note that the replace function is not allowed for the view names.

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### ***Non-repeating group view mapping***

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A non-repeating group view can be mapped at either the group view or individual entity view level. The PAD Editor now shows both the group view and component views to allow mapping at either the top level or lower level.

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### ***PAD Editor selection to clipboard may populate in reverse sequence***

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Using the mouse to select some text in the PAD Editor remembers the direction of travel of the mouse - if you drag/select text from left-to-right then they are pasted in that order, but if you drag/select from right-to-left then paste gives them in reverse order - the text should always be placed into the clipboard in a left-to-right sequence visibly, NOT the direction the mouse travelled to make the selection.

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### ***Deliverable Explorer External References***

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If you use XOS, there are two additional options to list external references from the selected deliverable and deliverables referenced by the selected deliverable.

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### ***SUMMARIZE/SUMMARIZE EACH PLACING clauses not visible or editable***

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In some cases, the PLACING clauses of a SUMMARIZE or SUMMARIZE EACH statement may not have been displayed in the PAD Editor, and adding new clauses for WITH THE SAME or PLACING (particularly with aggregate functions) did not behave consistently. Also improved the caret position within editing of a SUMMARIZE/SUMMARIZE EACH statement.

## ***Deleting Procedures / Procedure Steps***

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If a procedure is scoped for delete in a subset then the procedure and procedure step objects have Delete protection. However, if the procedure step is used via a p-step USE, then the procedure step action block will only have modify protection. If you attempt to delete the procedure, Studio Developer allows this but because the action block does not have delete protection, the delete is not complete. This scenario is now checked by Studio Developer and the delete prevented.

## ***Viewing Screen / Window Designs using Studio Editors***

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There is now an option to view screen and window designs from the GuardIEn Studio client (i.e. from Object List+) using the Studio Developer screen/ UI designer rather than the GuardIEn GUI Windows client. The advantage of the Studio viewer is that you can choose alternate dialects to display and see more details compared to the GUIO viewer. The choice is made using the GuardIEn Studio preferences dialog.

## **System Updating**

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### ***CR12011 Re-generate dialog manager when p-step deleted***

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If a procedure step has been scoped for deletion and is packaged into one or more load modules that will require their dialog manager to be re-generated in the destination model to remove the reference to the deleted procedure step, the delete objects SU step will now scope another deliverable from the same load module into the CR content with a re-gen only flag.

### ***CR12014 HE Remote Install jobcard error***

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For MVS->MVS remote processing, the password is removed from the jobcard for the job to run on the remote machine, but removing the password can leave a trailing ',' on the last line causing a JCL error.

### ***CR12015 CICS Newcopy step for HE***

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The CICS newcopy/phasein was previously implemented via a SU exit step for the HE. It is now provided as a standard step type with support for remote job submission to cater for CICS regions that reside on a separate LPAR.

### ***CR12020 Web Service generation fails when AB has desc***

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If a description is provided for a procedure step action block, the generation of a proxy based SOAP web service .wsdl fails because it fails to parse the description generated into the .xsd file.

### ***CR12049 Expansion Copy fixes***

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1) Expansion copy sets the default value for high-performance view passing for procedure steps to a space rather than N which means that it can incorrectly issue the warning:

GDCW6184: High Performance View Matching differs between prev and current model for <deliverable>

2) If a dynamic action block is only used in a client, the initial expansion record sets the dynamic link flag to N since it is not used in a server, but the expansion copy does not, which can result in an incorrect GDCW6184 warning message.

### ***CR12050 HE Remote FTP does not process loads***

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The HE remote FTP processing step fails to include object / load module code in the transfer process.

### ***CR12051 HE FTP step now supports RPD***

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The HE FTP step to transfer source, ncal, dbrm and load modules now also supports the use of the GuardIEn Remote Processing Daemon (RPD) as the transfer mechanism.

## **Task Dispatcher & Task Assistant**

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### ***CR12009 TD restart timeout***

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If the Task Dispatcher process is killed (for example an abend or system restart), the TD cannot be restart for at least 60 seconds otherwise the error "Cannot start multiple instances of the Task Dispatcher" is issued. The startup of the TD now retries for 60 seconds before aborting.

### ***CR12032 Restrict All Model Download***

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If the 'All Model Download' project property is used to restrict all model downloads, a user without the necessary project authority cannot download the entire model even if they request a read-only download. With this enhancement, the project property value can allow a read-only download and also specific project access varying by the model's environment control level.

Consult the Project Administration user guide for details on the changes to the project property value format.

### ***CR12042 Local Model Folder Name check***

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The length of the local model .ief folder specified when receiving a checkout.trn is verified that it is not longer than the 8# supported by the toolset.

### ***CR12052 Multiple Model Delete***

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You can now select multiple models when defining a Delete Model task.

## **System Administration**

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### ***CR12036 Deliverable Type Usage Report***

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System Admin Deliverable Type Definition now includes a usage report which will list projects that use the Deliverable Type.

## **Project Administration**

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### ***CR12027 Release / Environment Wizard Target List***

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The Release / Environment Setup Wizard has a dialog to display unattached targets. However, if the project contains 25 or mote unattached targets, the list duplicates the initial list of 25 and does not show the remainder.

### ***CR12039 Model Architecture Diagram Enhancements***

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The layout of the migration rules within the Model Architecture Diagram has been improved for cases where there are many overlapping rules.

### ***CR12041 Better Allowed State Changes from Project Setup Wizard***

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Some of the Allowed State Changes created by Project SetUp Wizard give 'OP' as the authorities required. This is not great if a project is created centrally, then a standard developer uses the project - 'S' should be added into this for D to C (and other state transitions too) for deliverables so that when the developer changes a CR's status from D to C, the content is also allowed to be changed automatically.

## **XOS**

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### ***CR12037 Load XOs when using RPD***

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If an XOS file server is configured to use RPD, the Load External Objects utility fails to determine the valid list of deliverable types for selection.

## Object List+

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### ***CR12043 OL+ Compare exclude OBJDATE/TIME***

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When the OL+ Compare is configured to check for property differences, whilst it excludes the IMPLGIC GENDATE/TIME/USER properties, it does not exclude the OBJDATE/TIME properties that are set when an object is compiled on the HE. These should also be excluded since they do not represent a genuine difference in the compare results.

### ***CR12044 Show Diatext value in More Info***

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The More Info column in Object List+ now displays the text value for DIATEXT objects.

### ***CR12046 Include dialect text when searching exit state message***

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When searching for exit states in OL+ using the <message>, as well as the default message text, the search now also checks dialect text messages.

## Tutorials

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### ***CR12033 New Tutorial Structure***

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The Tutorials have been enhanced to provide additional Getting Started Guides and content update. The Tutorials option accessed from the main menu now only contains the option to view the course material, with the setup of the Tutorial Projects moved to the System Admin client.