



Information Engineering Technology



Release Notes

Release 8.8.1

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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

CR11873 GDJCLEX Issue

The linkage section definition for the HE COBOL GDJCLEX is incorrect and can cause issues if the import views for task number or task type are referenced in the exit.

Studio

CR11858 Studio Developer Improvements

- 1) If statements are copied to the clipboard and then some text is copied to the clipboard from another application, the paste of the text can reference the text of the copied statements rather than the clipboard text. The paste should now reference the most recently copied text.
- 2) The procedure step editor now includes dialog flows into the procedure step as well as dialog flows out. To help distinguish between them, they are now displayed in a tree structure. Only dialog flows out of the procedure step can be deleted.
- 3) A new Preferences->Developer->Colours preference page allows you to modify the colours used in the action diagram editor, with default ‘light’ and ‘dark’ themes.
- 4) The order of subsets in the Subsets list can now be specified by clicking on the column header. Note that this only sorts the subsets – the models remain sorted alphabetically.
- 5) Fixed an issue with wrapping of long statements containing nested functions.

***** CR11878 Direct Editing text literals with trailing spaces***

When using Studio Developer Direct Editing to edit text values and the extract method is set to ‘Co-operative server’, trailing spaces are incorrectly removed from the text value when the PAD/UI is extracted. This fix requires both an update to Studio Developer and the co-operative server.

Apache Log4j

The Studio Developer plug-in jar file contains the Apache log4j jar which is required as a dependency on other runtime jars. Even though Studio Developer does not directly use log4j and does not expose a public interface that could be remotely exploited, log4j has been removed from the plug-in jars.

Uninstall removes plugin jars

If a previous installation of Studio Developer / DevOps Suite is uninstalled, the uninstall process delete the developer and GuardIEn jar files from the Gen Studio plugins folder.

System Updating

CR11868 WinSCP alternative

The GuardIEn exits GDCSEJCL, GDFTPSRC and GDFTPINC have been amended to provide an example of using winSCP instead of ftp to provide greater flexibility for the ftp processing from the CSE to HE.

To enable winSCP, use the following environment variables:

set GDN_USE_WINSCP=YES

set GDN_WINSCP_PROTOCOL=ftp (or another protocol)

set GDN_WINSCP_OPEN_FLAGS=<open flags> for example -passive=on

The gdwinscp.bat command file needs to be edited to specify the location of winscp.exe.

CR11875 Allow selection of 'Completed' step in Templates

The 'Completed' step type cannot be selected for a template. This should be allowed and then the step not included if scoping a development update.

CR11877 Grant Execute enhancement

The generated GRANT EXECUTE ON PLAN can now specify a userid/groupid instead of PUBLIC using the TARGGRNT target property or <env>GRNT project property. This can contain a comma delimited list of user/groups .

CR11880 Bind Control dataset error

Added the name of the failing dataset to the error information when the bind control generation fails with a dataset error.

CR11881 Staging copy for ULI load modules

For the staging copy step, if DSNULI processing is enabled, by default the ULI load modules are copied from the ULI load dataset to the <prefix>LOAD dataset. With this enhancement, if the <prefix>LODU target property has a value, the ULI load modules are copied to this dataset instead.

Task Dispatcher & Task Assistant

CR11888 Task Dispatcher Improvements

- 1) Various minor performance improvements to the Task Dispatcher.
- 2) If a task has been in the Pending or Waiting state for more than 24 hours it is marked as failed to avoid endless checks.

Upload Assistant

CR11885 Data Model Verification check error for m:n relationships

The Upload Assistant check to verify the data model implementation incorrectly reports a many:many relationship as un-implemented if it has been implemented as a link table.

System Administration

CR11866 Deliverable Property Type code protection

The code field is not protected when detailing an existing Deliverable Property Type. It should be protected to prevent it being updated.

CR11867 Delete used Deliverable Property Types

A Deliverable Property Type can now be deleted if it is used. The user will be warned that the property type is in use.

Project Administration

****CR11870 Unassigning Deliverable Property Types error**

If a deliverable property type is unassigned from a deliverable type for a project, the deliverable property values are incorrectly removed for the deliverables of this type for all projects and not just the project that the property type is being unassigned from.

XOS

CR11864 Build Order for XO Processes

If multiple XO processes are defined for the same deliverable, the order they are processed is now sequenced on the process definition build order attribute. Previously the order of processing was not defined.

CR11872 MVS processing steps per job

The number of MVS XO processes per job can now be specified using the XOJOBSTP project or target property to override the default of 10 processes per submitted job.