

# **New Information**

## **Pro2 Replication Suite**

**Version 5.5**

**November 2018**

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## What's New in 5.5

This document describes both new features and enhancements to existing features in the Pro2 service pack release 5.5.

For details, see the following topics:

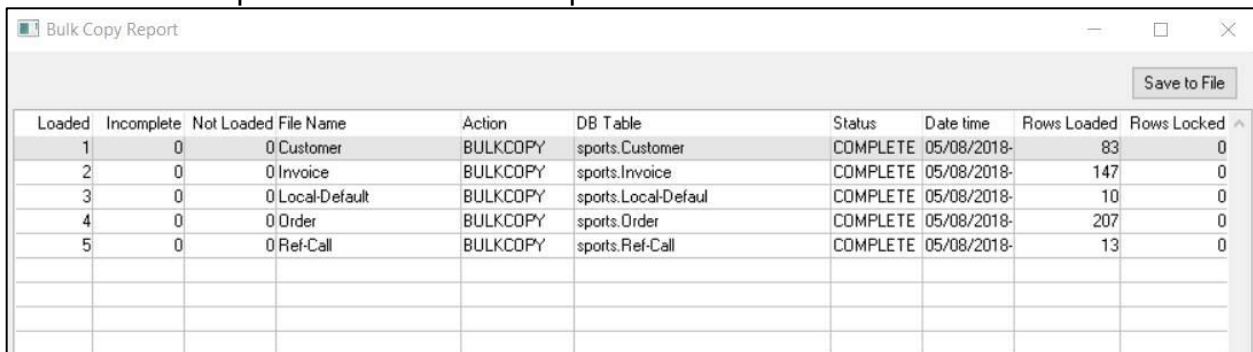
- [Generating Bulk Load Report](#)
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## Generating Bulk Load Report

Pro2 release 5.5 provides a new option called **Bulk Load Report** that allows you to generate a Bulk Load report after the Run Bulk Loads command is executed.

You can generate the report by clicking **Tools** and selecting **Bulk Load Report** on the top ribbon of the **Pro2SQL Administration Utility window**. This command will take you to the **Bulk Copy Results** window where you can select the table for which the Bulk report needs to be generated and click **Run**. The Bulk Copy Report will be generated. You can also choose to save the report in **\bprepl\repl\_log** folder by clicking the **Save to File** option. The report will be saved in form of an excel sheet in the target folder.

Here is an example of the Bulk Load Report:



Loaded	Incomplete	Not Loaded	File Name	Action	DB Table	Status	Date time	Rows Loaded	Rows Locked
1	0	0	Customer	BULKCOPY	sports.Customer	COMPLETE	05/08/2018-	83	0
2	0	0	Invoice	BULKCOPY	sports.Invoice	COMPLETE	05/08/2018-	147	0
3	0	0	Local-Default	BULKCOPY	sports.Local-Default	COMPLETE	05/08/2018-	10	0
4	0	0	Order	BULKCOPY	sports.Order	COMPLETE	05/08/2018-	207	0
5	0	0	Ref-Call	BULKCOPY	sports.Ref-Call	COMPLETE	05/08/2018-	13	0

**Bulk Load Report**

## Modifications to the CDC menu

Pro2 release 5.5 provides few modifications to the CDC menu which includes addition of a CDC tab on the Pro2 Administration Utility and CDC split thread functionality. These properties are discussed in detail below.

### CDC Monitor

The CDC Monitor menu item can be used to show the status of the get CDC change tracking table as of the last check. The status will be "RUNNING" when the

CDC Processor is either actively cycling through the queue or in a paused state between cycles. If the Processor is neither active nor sleeping, then the status will be "STOPPED."

### CDC Thread Status

You can check the status of the CDC threads running on the AppServer side by means of the **APPSRV\_CDCPROC\_SRC SIDE** property. If this property exists, and the value is "YES", the thread status will be visible. Else, it will be disabled by default.

### Splitting CDC Threads

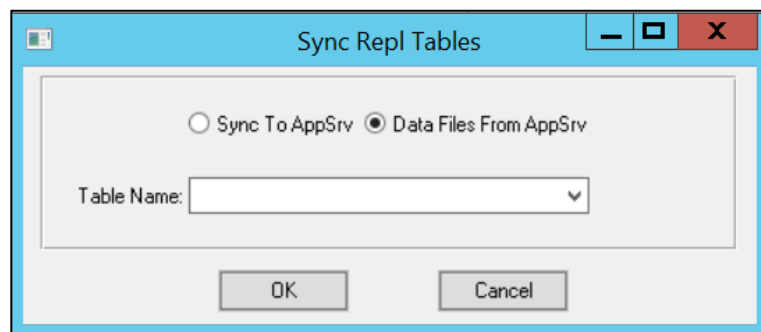
Pro2 release 5.5 allows you to split each CDC thread into multiple split threads regardless of whether it serves CDC of a single table or group of tables. You can split a single thread into a maximum of 10 split threads.

Apart from these, there are a few properties which will be covered in the New Properties Section.

### UI changes for Synchronize Repl Table Data option

Pro2 release 5.5 has made some UI changes to the **Synchronize Repl Table Data** functionality. Now it enables you to synchronize the Repl tables data to AppServer and download the Repl table data files from AppServer.

To synchronize repl table data, Click **WAN → Synchronize Repl Table Data** in the **Pro2 Admin** window. The **Sync Repl Tables** window will open where you can choose whether to sync the repl tables to AppServer by selecting **Sync to AppSrv** radio button, or you can choose to download the repl table data files from the AppServer using the **Data Files From AppSrv** radio button.



**Sync Repl Tables**

### New properties

- **APPSRV\_QUEUE\_COMPRESSION:** Pro2 release 5.5 provides APPSRV\_QUEUE\_COMPRESSION property to enable or disable queue compression. This property can be added by manual intervention from the Pro2 admin tool. If this property exists, and the value is "YES", queue compression is enabled. Else, queue compression will be disabled by

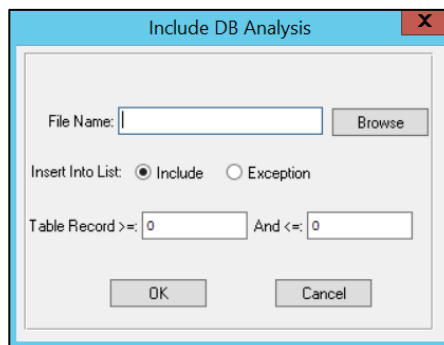
default.

- **CDC\_QUEUE\_COMPRESSION:** Pro2 release 5.5 provides CDC\_QUEUE\_COMPRESSION property to enable or disable queue compression for CDC. This property can be added by manual intervention from the Pro2 admin tool. If this property exists, and the value is "YES", queue compression for CDC is enabled. Else, it will be disabled by default.
- **TRIGGER\_FORCE\_LOWERCASE:** Pro2 release 5.5 provides TRIGGER\_FORCE\_LOWERCASE property to generate the trigger names in lower case. This property can be added by manual intervention from the Pro2 admin tool. If this property exists, and the value is "YES", trigger names will be generated in lower case.
- **ORACLE\_USE\_SCALE:** Pro2 release 5.5 provides ORACLE\_USE\_SCALE property for adding precision and scale for decimal fields. This property is responsible for generating Oracle specific output. This property is set to NO by default and does not add precision and scale for decimal fields. However, to add precision and scale in oracle specific outputs, set this property to YES.
- **ORACLE\_USE\_LOGICAL:** Pro2 release 5.5 provides ORACLE\_USE\_LOGICAL property for converting logical field to number(1). This property is responsible for generating Oracle specific output. This property is set to NO by default and does not convert logical field to number(1). However, to convert logical field to number(1) in oracle specific outputs, set this property to YES.
- **LOGINCONTROL.admin:** These are the default credentials for the pro2 web application.

## New and Improved Functionalities

Pro2 5.5 has some new and improved functionalities as listed below:

- The bulk loading function is now enhanced to support ranges for row counts. You can now choose to bulk load only a few select tables based on the number of records they contain. This is made possible by enhancing the **Table Record** field in the Include **DB Analysis** Window in **Bulk Load Tables**.



**Include DB Analysis**

- The Pro2 templates have been modified to convert 32-bit ROWID values (if found) to 64-bit to prevent target db corruption.

**Other Modifications**

- Starting this release, Pro2 has deprecated alternate bulk-load PDI support.



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## Worldwide Headquarters

Progress, 14 Oak Park, Bedford, MA 01730 USA Tel: +1 781 280-4000 Fax: +1 781 280-4095

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