285936 v2.0

Contents

1 285936

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DHL MTS

New Order Extract

FUNCTIONAL SPECIFICATION - 10.6

16/02/2011 - 2.0
Reference: 285936 PG-8DXCSP

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1.1 Client Requirement

Create a CSV export that pulls out all orders in a database over a selected period.

Fields: Ord schedule, OMS_REF, Customer Ref, Ord Status, Order Cost Centre, Order Group Name

Parameters: From Schedule and To Schedule

1.2 Solution

A new export will be created in CSV format. A procedure will be added to DP_CSV2 that will create the export.

The export will run for the following parameters.

From Schedule

To Schedule

The export will contain the following fields.

Export Field	DB Column
Order Schedule	sch_ord.sched_name
OMS Ref	sch_ord.oms_ref
Customer ref	sch_ord.external_ref
Order Status	sch_ord.status
Order Cost Centre	sch_ord.cost_centre_name
Order Group Name	sch_ord.group_name

Orders with a Schedule between the parameter schedules will be included in the report. No other restrictions will be used.

As there are potentially thousands of order records that could be returned the system integrity must be protected in order to ensure that excessive volumes of data are not returned.

Therefore, the schedule range will be restricted to a certain number of days defined by a system parameter. Once a start schedule is chosen the end schedule will be restricted to schedules within the period of time.

For example:

System parameter = 30 days.

Start schedule = ?110101?

The end schedule will be restricted to schedules less than 110131.

1.3 Scope

This change will be applied to system version 10.6.

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2 Set-up

2.1 Pre-requisites

2.2 Menu-Structure

2.3 Data

New system parameter REP_ORD_EXTRACT_DAYS will be added to the table ADM_SYSTEM_PARAM. This parameter will accept numerical values.

Record will be added to REP_REPORT.

Two records will be added to REP_REPORT_PARAM, one for each parameter.

Extract should be added to a users group to allow the user to run the extract.

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3 Functional Description

3.1 Extract

A new extract will be created in CSV format. The new extract will be produced from a new procedure that will be added to DP_CVS2.sql.

The export will return data based on two parameters.

FROM SCHEDULE

TO SCHDULE

These parameters will be in a drop down list. The From Schedule will contain all active schedules.

Once a From Schedule has been chosen the To Schedule will be restricted to a number of days after the From Schedule. The number of days between the from and to schedules will be determined by a system parameter. This will prevent reports being produced that contain too much data.

The extract will contain the following data.

Export Field	DB Column
Order Schedule	sch_ord.sched_name
OMS Ref	sch_ord.oms_ref
Customer ref	sch_ord.external_ref
Order Status	sch_ord.status
Order Cost Centre	sch_ord.cost_centre_name
Order Group Name	sch_ord.group_name

The data will be restricted to Orders that have a Sched Name between the From and To schedules chosen in the parameters. No other restrictions will take place on the data.

3.2 Exports screen

The exports screen will be changed to allow the restriction of the To Schedule parameter. Two new fields will be added that will be used when this extract is chosen from the list.

When the From Schedule is chosen from the drop down list, the To Schedule list will be populated with the schedules that are within the number of days defined by the system parameter.

Document History

Version	Date	Status	Reason	Initials
0.1	15/02/11	Draft	Initial version	DNG
1.0	16/02/11	Issue	Review and issue	PC

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