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Summary

This document outlines a method for using Datastage's Oracle Connector in a parallel job to execute custom Data Manipulation Language (DML) queries. This approach eliminates the need to configure the connector for a specific table or columns, as the job relies solely on an ad-hoc, user-defined query provided at runtime.

The design ensures the job is not tied to any particular schema, table, or column definition.

Once developed and tested, the job is converted into an executable-only version and deployed to a controlled environment. This setup leverages a dedicated Datastage Application Database Service Account with existing read/write privileges, creating a restricted framework for executing custom DML.

For simplicity, the presented job demonstrates one of the three DML operations ('insert,' 'update,' or 'delete'). However, the design can easily be split into three individual jobs for each operation.

An alternative, and often preferred, method involves creating a custom routine in Datastage's proprietary programming language, BASIC. This routine would use the `sqlplus` client on the Datastage Engine, acting as a true SQL client interface, but this needs BASIC programming skills.

Routine name
OraExecSql2

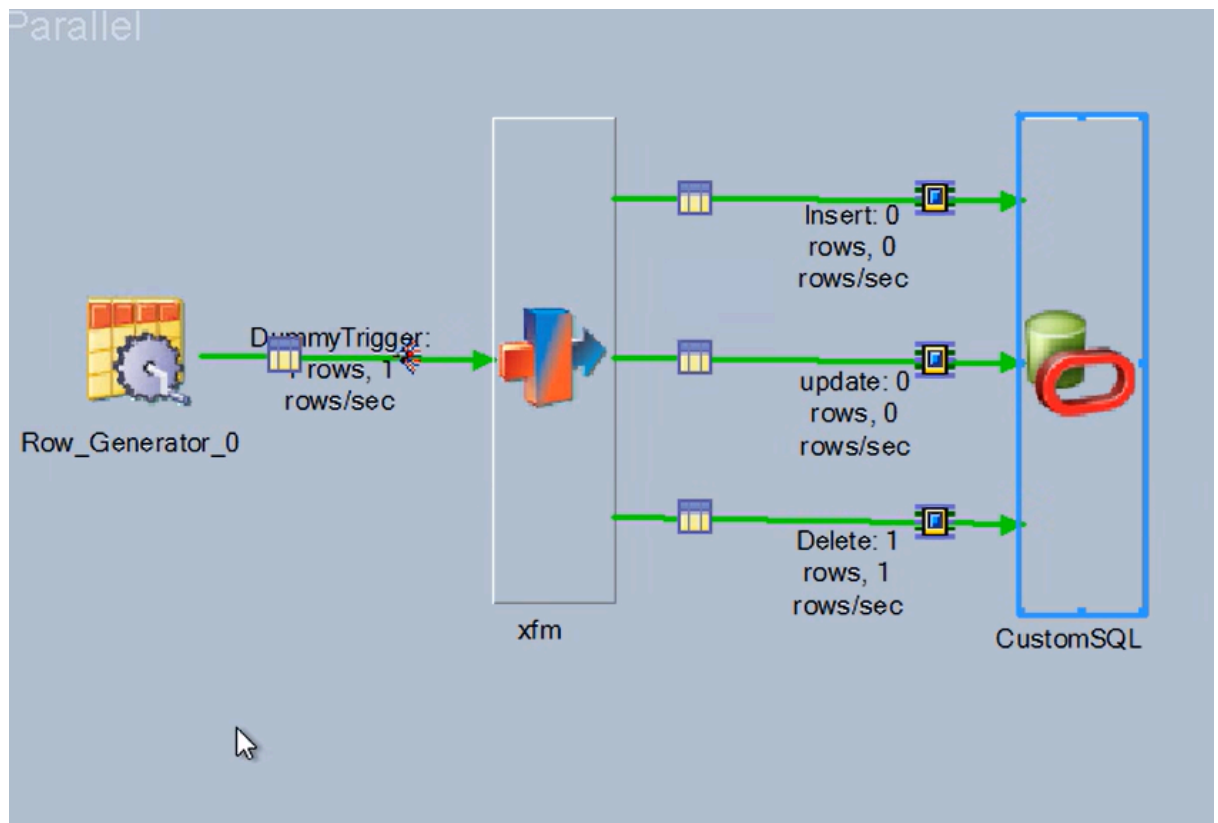
☒ Do not checkpoint run.

Arguments

Name	Value Expression
aSID	psMasterDashBoardParams.DRHSID
aUser	psMasterDashBoardParams.DRHUser
aPwd	psMasterDashBoardParams.DRHPwd
aCommand	"select sysdate,current_timestamp from dual"
aoOutput	""

The quick win is using the Oracle connector with the following Design

Sample Job Design



1. Single Datastage Parallel Job with a dummy Row Generator Trigger driving the DML operation.
2. A transformer which forks the routes the DML operation through one of the links based on the DMLType i.e Insert, Update or Delete
3. A single Oracle Stage with three links representing mutually exclusive DML Operations.

Parameters

Job parameters , DMLType is a list with possible values (insert, update, delete), sample sql as default for each type (for testing purpose)

General	Parameters	Job control	Dependencies	NLS	Generated QSH	Execution	Defaults
	Parameter name	Prompt	Type	Default Value			
1	SID	SID	String	EDWSIT2			
2	USER	USER	String	ds_user			
3	PASSWORD	PASSWORD	Encrypted	*****			
4	DMLType	DMLType	List				
5	INSERTSQL	SQL	String	insert into enr_owner.dummy (id) values (1)			
6	DELETESQL	DELETESQL	String	delete from enr_owner.opco where 1=0			
7	UPDATESQL	UPDATESQL	String	update enr_owner.opco set org_id =0 where 1=0			

DML Type accepting one of the DML operations

General	Parameters	Job control	Dependencies	NLS	Generated QSH	Execution	Defaults
	Parameter name	Prompt	Type	Default Value			
1	SID	SID	String	EDWSIT2			
2	USER	USER	String	ds_user			
3	PASSWORD	PASSWORD	Encrypted	*****			
4	DMLType	DMLType	List				
5	INSERTSQL	SQL	String	insert into enr_owner.dummy (id) values (1)			
6	DELETESQL	DELETESQL	String	delete from enr_owner.opco where 1=0			
7	UPDATESQL	UPDATESQL	String	update enr_owner.opco set org_id =0 where 1=0			

DMLType - Setup List and Default

Setup List

Value:

List:
delete
insert
update

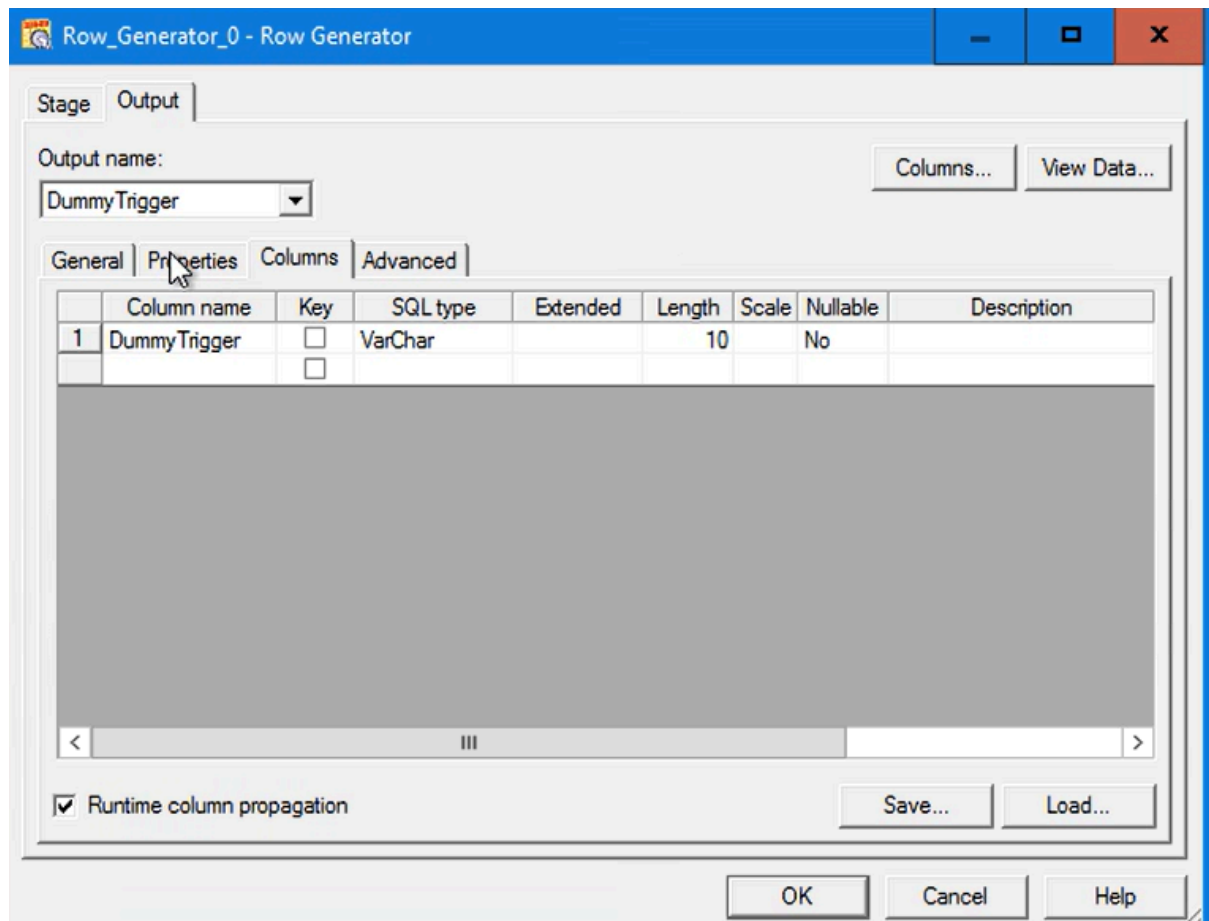
Add
Remove

Set Default

OK
Cancel
Help

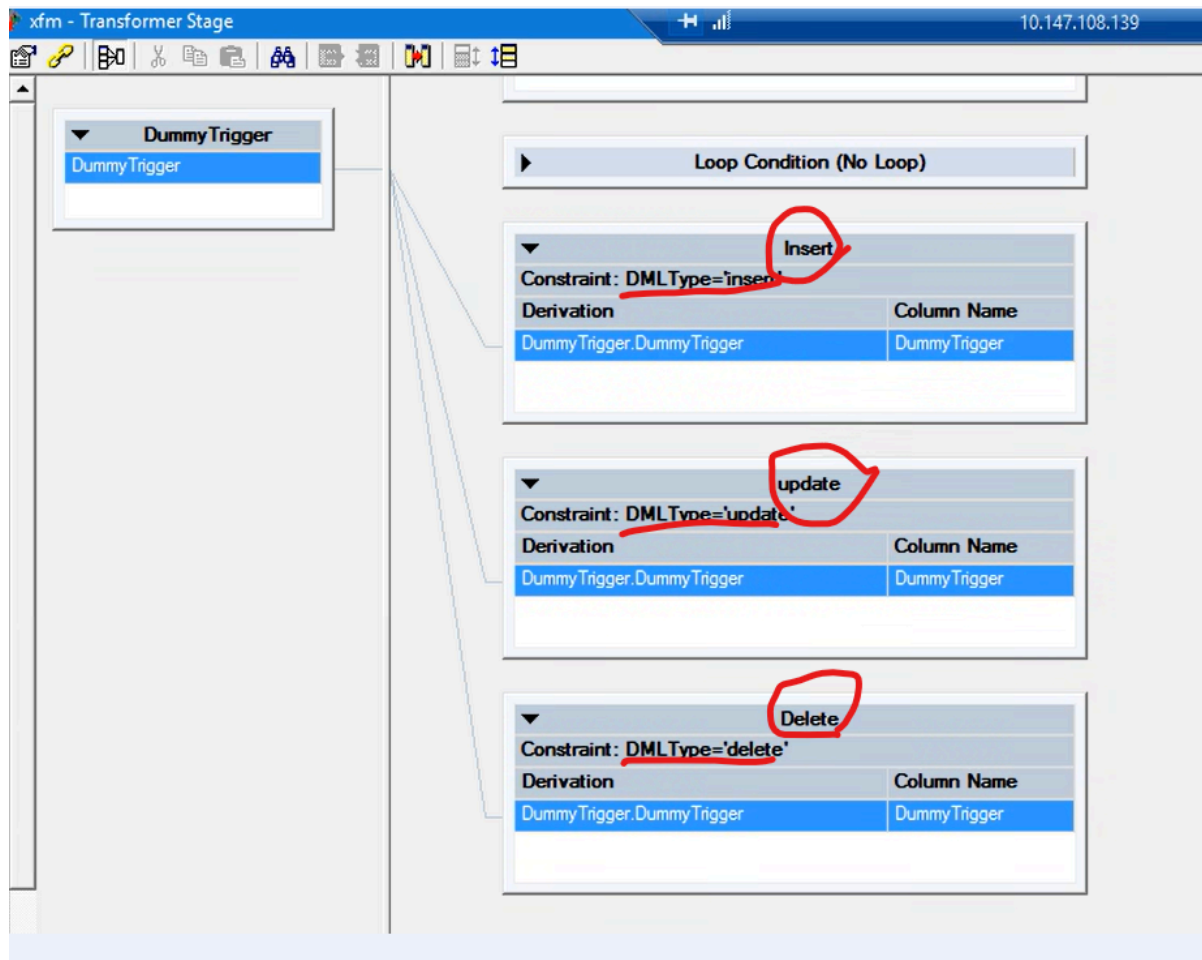
Stage 1 -RowGenerator

Creating a synthetic single dummy (throw away) trigger record with a column DummyTrigger



Stage 2 - Transformer to fork 3 links corresponding to 3 operations

A transformer to route the Trigger to the appropriate DML operation based on the user prompt



Stage 3 - Oracle Connector

A single Oracle Connector stage with DB detailed provided from the Parameter/ParameterSets

CustomSQL - Oracle Connector

Stage Input

Stage name
CustomSQL

General Properties Advanced

▼ Connection

Server	#SID#
User name	#USER#
Password	#PASSWORD#
Use external authentication	No
Oracle client version	11g

▼ Usage

▼ Transaction

Isolation level	Read committed
▶ Record ordering	All records
▶ Manage application failover	No

Three DML Operations being handled by the same Stage

CustomSQL - Oracle Connector

Stage Input

Input name (upstream stage)

Insert (xfm)
Insert (xfm)
update (xfm)
Delete (xfm)

General Properties Link Ordering Columns Advanced Partitioning

▼ Usage

Write mode	Insert
Generate SQL at runtime	No
▶ Table name *	
Enable quoted identifiers	No
▼ SQL	
▼ Insert statement *	#INSERTSQL#
Read insert statement from file	No
▶ Update statement *	
▶ Delete statement *	
▶ PL/SQL block *	
▶ Table action *	Append
Table name for partitioned writes	
▼ Session	
Array size	2000
Drop unmatched fields	Yes
Preserve trailing blanks	Yes
Fail on row error	Yes
▼ Logging	
▶ Log column values on first row error	No
▶ Run before and after SQL statements	No
▶ Bulk load options	

Insert - Operation

For the DML operation - Cascade the query payload as is to the appropriate property, INSERTSQL in this case.

NOTE: Drop the DummyTrigger column generated upstream by setting 'Drop unmatched fields' set to yes

CustomSQL - Oracle Connector

Stage Input

Input name (upstream stage)

Insert (xfrm)

General Properties Link Ordering Columns Advanced Partitioning

▼ Usage

Write mode	Insert
Generate SQL at runtime	No
▶ Table name *	
Enable quoted identifiers	No
▼ SQL	
▼ Insert statement *	#INSERTSQL#
Read insert statement from file	No
▶ Update statement *	
▶ Delete statement *	
▶ PL/SQL block *	
▶ Table action *	Append
Table name for partitioned writes	
▼ Session	
Array size	2000
Drop unmatched fields	Yes
Preserve trailing blanks	Yes
Fail on row error	Yes
▼ Logging	
▶ Log column values on first row error	No
▶ Run before and after SQL statements	No
▶ Bulk load options	

Update Operation

Similar setting for Update and Delete

CustomSQL - Oracle Connector

Stage Input

Input name (upstream stage)

update (xrm)

General Properties Link Ordering Columns Advanced Partitioning

Usage

Write mode	Update
Generate SQL at runtime	No
Table name *	
Enable quoted identifiers	No
SQL	
Insert statement *	
Update statement *	#UPDATESQL#
Read update statement from file	No
Delete statement *	
PL/SQL block *	
Table action *	Append
Table name for partitioned writes	
Session	
Array size	2000
Drop unmatched fields	Yes
Preserve trailing blanks	Yes
Fail on row error	Yes
Logging	
Log column values on first row error	No
Run before and after SQL statements	No
Bulk load options	

Delete Operation

CustomSQL - Oracle Connector

Stage Input

Input name (upstream stage)

Delete (xfrm)

General Properties Link Ordering Columns Advanced Partitioning

▼ Usage

Write mode	Delete
Generate SQL at runtime	No
▶ Table name *	
Enable quoted identifiers	No
▼ SQL	
▶ Insert statement *	
▶ Update statement *	
▼ Delete statement *	#DELETESQL#
Read delete statement from file	No
▶ PL/SQL block *	
▶ Table action *	Append
Table name for partitioned writes	
▼ Session	
Array size	2000
Drop unmatched fields	Yes
Preserve trailing blanks	Yes
Fail on row error	Yes
▼ Logging	
▶ Log column values on first row error	No
▶ Run before and after SQL statements	No
▶ Bulk load options	

Job Operational Log

Job log for a sample Update and Delete,
The where clause 1=0 is forced to have a 'False' boolean intentionally, but this proves a custom SQL can be executed

```
DataStage Report - Detail Log for job: ORATEst
Produced on: 13/11/2025 20:10:20
Project: DWHBI2_SIT02
Host system: EU2NDWU579
Items: 1 - 47
Sorted on: Date Sorter

Item #: 1
Event ID: 0
Timestamp: 2025-11-13 20:07:56
Type: Reset
User Name: dsadm
Message Id: IIS-DSTAGE-REP-I-0065
Message: Log cleared by user

Item #: 2
Event ID: 1
Timestamp: 2025-11-13 20:08:15
Type: Control
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0070
Message: Starting Job ORATEst.
SID = EDWSIT2
USER = ds_user
PASSWORD = *****
DMLType = update
INSERTSQL = insert into enr_owner.dummy (id) values (1)
DELETESQL = delete from enr_owner.opco where 1=0
UPDATESQL = update enr_owner.opco set org_id =0 where 1=0

Item #: 3
Event ID: 2
Timestamp: 2025-11-13 20:08:15
Type: Info
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0126
```

Message: Environment variable settings:

```
_=/usr/bin/nohup
APT_COMPILEOPT=-c -O -q64
APT_COMPILER=/opt/IBM/xlC/13.1.3/bin/xlC
APT_CONFIG_FILE=/opt/IBM/InformationServer/Server/Configurations/cdc_1node.appt
APT_DEFAULT_TRANSPORT_BLOCK_SIZE=200000
APT_ERROR_CONFIGURATION=severity, !vseverity, !jobid, moduleid,
errorIndex, timestamp, !ipaddr, !nodeplayer, !nodename, opid, message
APT_LINKER=/opt/IBM/xlC/13.1.3/bin/xlC
APT_LINKOPT=-G -q64
APT_MONITOR_MINTIME=10
APT_NO_ONE_NODE_COMBINING_OPTIMIZATION=1
APT_OPERATOR_REGISTRY_PATH=/datastage/projects/DWHBI2_SIT02/buildop
APT_ORCHHOME=/opt/IBM/InformationServer/Server/PXEngine
ASBHOME=/opt/IBM/InformationServer/ASBNode
BELL=^G
CLCMD_PASSTHRU=1
DB2DIR=/opt/IBM/DBV11
DB2INSTANCE=db2inst1
DS_ENABLE_RESERVED_CHAR_CONVERT=0
DS_OPERATOR_BUILDOP_DIR=buildop
DS_OPERATOR_WRAPPED_DIR=wrapped
DS_OPTIMIZE_FILE_BROWSE=0
DS_TDM_PIPE_OPEN_TIMEOUT=720
DS_TDM_TRACE_SUBROUTINE_CALLS=0
DS_USERNO=-1620
DSHOME=/opt/IBM/InformationServer/Server/DSEngine
DSIPC_OPEN_TIMEOUT=30
DSRPCD_PORT_NUMBER=31538
EXTENDED_HISTORY=ON
evRootDir=/bi/cdd/
FLAVOR=-1
HOME=/
ISFSHMID=572523836
ISHOME=/opt/IBM/InformationServer
ISUSER=isadmin
LANG=C
LC__FASTMSG=true
LDR_CNTRL=USERREGS
LIBPATH=/datastage/projects/DWHBI2_SIT02/RT_BP327.0:/opt/IBM/Information
Server/Server/DSComponents/lib:/opt/IBM/InformationServer/Server/DSCompo
nents/bin:/opt/IBM/InformationServer/Server/DSParallel:/opt/IBM/Informat
ionServer/Server/PXEngine/user_lib:/opt/IBM/InformationServer/Server/PXE
ngine/lib:/datastage/projects/DWHBI2_SIT02/buildop:/opt/IBM/InformationS
erver/Server/branded_odbc/lib:/opt/IBM/InformationServer/Server/DSEngine
```

```
/lib:/opt/IBM/InformationServer/Server/DSEngine/uvdlls:/opt/IBM/InformationServer/jdk/jre/lib/ppc64/j9vm:/opt/IBM/InformationServer/jdk/jre/lib/ppc64:/opt/IBM/InformationServer/ASBNode/lib/cpp:/opt/IBM/InformationServer/ASBNode/apps/proxy/cpp/aix-all-ppc_64:/opt/IBM/DB2V11/lib64:/opt/oracle/19c/product/19.0.0/client_1/lib:/opt/oracle/19c/product/19.0.0/client_1/lib:/usr/lib:/lib
LOCPATH=/usr/lib/nls/loc
LOGIN=dsadm
LOGNAME=dsadm
NIM_SECONDARY_PORT=49152:2
NLS_LANG=ENGLISH_UNITED KINGDOM.AL32UTF8
NLSPATH=/usr/lib/nls/msg/%L/%N:/usr/lib/nls/msg/%L/%N.cat:/usr/lib/nls/msg/%1.%c/%N:/usr/lib/nls/msg/%1.%c/%N.cat
ODBCINI=/opt/IBM/InformationServer/Server/DSEngine/.odbc.ini
ODMDIR=/etc/objrepos
ORACLE_HOME=/opt/oracle/19c/product/19.0.0/client_1
OSH_STDOUT_MSG=1
P_CNTRL_DB=DRHSIT2
P_CNTRL_ID=ds_user
P_CNTRL_PWD=*****
P_CNTRL_SCHEMA=CTRL_OWNER
P_EDW_SCHEMA=EDW_OWNER
P_ENR_SCHEMA=ENR_OWNER
PATH=/datastage/projects/DWHBI2_SIT02/wrapped:/datastage/projects/DWHBI2_SIT02/buildop:/datastage/projects/DWHBI2_SIT02/RT_BP327.0:/opt/IBM/InformationServer/Server/DSComponents/lib:/opt/IBM/InformationServer/Server/DSComponents/bin:/opt/IBM/InformationServer/Server/DSParallel:/opt/IBM/InformationServer/Server/PXEngine/user_osh_wrappers:/opt/IBM/InformationServer/Server/PXEngine/osh_wrappers:/opt/IBM/InformationServer/Server/PXEngine/bin:/usr/bin:/etc:/usr/sbin:/usr/ucb:/usr/bin/X11:/sbin:/usr/java8_64/jre/bin:/usr/java8_64/jre/bin:/opt/oracle/19c/product/19.0.0/client_1/bin:/usr:/usr/vacpp:/usr/vacpp/bin
PIDTOK=61473202
PWD=/opt/IBM/InformationServer/Server/DSEngine
PX_DBCONNECTHOME=/opt/IBM/InformationServer/Server/DSComponents
pEDWPasswd=*****
pEDWSID=EDWSIT2
pEDWUser=DS_USER
pMailServer=general.risenet.eu
pSenderMail=ABBA.ETL.SIT@OSBERGLABS-EUROPE.COM
TERM=
TZ=Europe/London
UDTBIN=/opt/IBM/InformationServer/Server/DSEngine/ud41/bin
UDTHOME=/opt/IBM/InformationServer/Server/DSEngine/ud41
WHO=DWHBI2_SIT02
```

Item #: 4
Event ID: 3
Timestamp: 2025-11-13 20:08:15
Type: Info
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0121
Message: Parallel job initiated

Item #: 5
Event ID: 4
Timestamp: 2025-11-13 20:08:15
Type: Info
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0470
Message: OSH script

OSH / orchestrate script for Job ORATEst compiled at 20:06:44 13 NOV 2025

#####

STAGE: Row_Generator_0

Operator

generator

Operator options

-schema record

(

DummyTrigger:string[max=10];

)

-records 1

General options

[ident('Row_Generator_0'); jobmon_ident('Row_Generator_0')]

Outputs

0> [] 'Row_Generator_0:DummyTrigger.v'

;

#####

STAGE: CustomSQL

Operator

pxbridge

Operator options

-Orientation link

-XMLProperties '<?xml version=\''1.0\'' encoding=\''UTF-16\''?><Properties

version=\''1.1\''><Common><Context type=\''int\''>2</Context><Variant

type=\''string\''>11</Variant><DescriptorVersion

type=\''string\''>1.0</DescriptorVersion><PartitionType

type=\''int\''>-1</PartitionType><RCP

type=\''int\''>0</RCP></Common><Connection><Server modified=\''1\''

type=\''string\''>![CDATA[["SID"]]]></Server><Username modified=\''1\''

type=\''string\''>![CDATA[["USER"]]]></Username><Password modified=\''1\''

```

type='string'><![CDATA[&"PASSWORD"]]></Password><OSLevelAuthenticati
on type='bool'><![CDATA[0]]></OSLevelAuthentication><Version
type='string'><![CDATA[11g]]></Version></Connection><Usage><Transactio
n><IsolationLevel
type='int'><![CDATA[0]]></IsolationLevel></Transaction><RecordOrdering
collapsed='1'
type='int'><![CDATA[0]]></RecordOrdering><ApplicationFailoverControl
collapsed='1'
type='bool'><![CDATA[0]]></ApplicationFailoverControl></Usage></Proper
ties >
-connector '{
    variant='11',
    library=ccora11g,
    version=1.0,
    variantlist='V1;11:"11g":ccora11g;12:"12c":ccora12c',
    versionlist='1.0,1.0',
    name=OracleConnector
}'
-linkXMLProperties target 0 '<?xml version='1.0'
encoding='UTF-16'?><Properties version='1.1'><Common><Context
type='int'>2</Context><Variant
type='string'>11</Variant><DescriptorVersion
type='string'>1.0</DescriptorVersion><PartitionType
type='int'>-1</PartitionType><RCP
type='int'>1</RCP><Reject></Reject></Common><Usage><WriteMode
type='int'><![CDATA[0]]></WriteMode><GenerateSQL
type='bool'><![CDATA[0]]></GenerateSQL><EnableQuotedIDs
type='bool'><![CDATA[0]]></EnableQuotedIDs><SQL><InsertStatement
modified='1'
type='string'><![CDATA[&"INSERTSQL"]]><ReadFromFileInsert
type='bool'><![CDATA[0]]></ReadFromFileInsert><Tables
collapsed='1'></Tables><Parameters
collapsed='1'></Parameters><Columns
collapsed='1'></Columns></InsertStatement></SQL><TableAction
collapsed='1'
type='int'><![CDATA[0]]></TableAction><Session><ArraySize
type='int'><![CDATA[2000]]></ArraySize><DropUnmatchedFields
modified='1'
type='bool'><![CDATA[1]]></DropUnmatchedFields><PreserveTrailingBlanks
type='bool'><![CDATA[1]]></PreserveTrailingBlanks><FailOnRowErrorPX
type='bool'><![CDATA[1]]></FailOnRowErrorPX></Session><Logging><LogCol
umnValues collapsed='1'
type='bool'><![CDATA[0]]></LogColumnValues></Logging><BeforeAfter
collapsed='1'
type='bool'><![CDATA[0]]></BeforeAfter></Usage></Properties >
-target 0 '{

```



```

DSSQLType={DummyTrigger=12},
DSDerivation={DummyTrigger='DummyTrigger.DummyTrigger'},
DSSQLPrecision={DummyTrigger=10},
DSSchema='record
(
    DummyTrigger:string[max=10]\;
)\'
}'

-linkXMLProperties target 1 '<?xml version=\'1.0\'
encoding=\'UTF-16\'?><Properties version=\'1.1\'><Common><Context
type=\'int\'>2</Context><Variant
type=\'string\'>11</Variant><DescriptorVersion
type=\'string\'>1.0</DescriptorVersion><PartitionType
type=\'int\'>-1</PartitionType><RCP
type=\'int\'>1</RCP><Reject></Reject></Common><Usage><WriteMode
modified=\'1\' type=\'int\'><![CDATA[1]]></WriteMode><GenerateSQL
type=\'bool\'><![CDATA[0]]></GenerateSQL><EnableQuotedIDs
type=\'bool\'><![CDATA[0]]></EnableQuotedIDs><SQL><UpdateStatement
modified=\'1\'
type=\'string\'><![CDATA[&"UPDATESQL"]]></ReadFromFileUpdate
type=\'bool\'><![CDATA[0]]></ReadFromFileUpdate><Tables
collapsed=\'1\'></Tables><Parameters
collapsed=\'1\'></Parameters><Columns
collapsed=\'1\'></Columns></UpdateStatement></SQL><TableAction
collapsed=\'1\'
type=\'int\'><![CDATA[0]]></TableAction><Session><ArraySize
type=\'int\'><![CDATA[2000]]></ArraySize><DropUnmatchedFields
modified=\'1\'
type=\'bool\'><![CDATA[1]]></DropUnmatchedFields><PreserveTrailingBlanks
type=\'bool\'><![CDATA[1]]></PreserveTrailingBlanks><FailOnRowErrorPX
type=\'bool\'><![CDATA[1]]></FailOnRowErrorPX></Session><Logging><LogCol
umnValues collapsed=\'1\'
type=\'bool\'><![CDATA[0]]></LogColumnValues></Logging><BeforeAfter
collapsed=\'1\'
type=\'bool\'><![CDATA[0]]></BeforeAfter></Usage></Properties >\'
-target 1 '{
    DSSQLType={DummyTrigger=12},
    DSDerivation={DummyTrigger='DummyTrigger.DummyTrigger'},
    DSSQLPrecision={DummyTrigger=10},
    DSSchema='record
    (
        DummyTrigger:string[max=10]\;
    )\'
}'

```

```

-linkXMLProperties target 2 '<?xml version=\'1.0\'
encoding=\'UTF-16\'?><Properties version=\'1.1\'><Common><Context
type=\'int\'>2</Context><Variant
type=\'string\'>11</Variant><DescriptorVersion
type=\'string\'>1.0</DescriptorVersion><PartitionType
type=\'int\'>-1</PartitionType><RCP
type=\'int\'>1</RCP><Reject></Reject></Common><Usage><WriteMode
modified=\'1\' type=\'int\'><![CDATA[2]]></WriteMode><GenerateSQL
type=\'bool\'><![CDATA[0]]></GenerateSQL><EnableQuotedIDs
type=\'bool\'><![CDATA[0]]></EnableQuotedIDs><SQL><DeleteStatement
modified=\'1\'
type=\'string\'><![CDATA[["DELETESQL"]]]><ReadFromFileDelete
type=\'bool\'><![CDATA[0]]></ReadFromFileDelete><Tables
collapsed=\'1\'></Tables><Parameters
collapsed=\'1\'></Parameters><Columns
collapsed=\'1\'></Columns></DeleteStatement></SQL><TableAction
collapsed=\'1\'
type=\'int\'><![CDATA[0]]></TableAction><Session><ArraySize
type=\'int\'><![CDATA[2000]]></ArraySize><DropUnmatchedFields
modified=\'1\'
type=\'bool\'><![CDATA[1]]></DropUnmatchedFields><PreserveTrailingBlanks
type=\'bool\'><![CDATA[1]]></PreserveTrailingBlanks><FailOnRowErrorPX
type=\'bool\'><![CDATA[1]]></FailOnRowErrorPX></Session><Logging><LogCol
umnValues collapsed=\'1\'
type=\'bool\'><![CDATA[0]]></LogColumnValues></Logging><BeforeAfter
collapsed=\'1\'
type=\'bool\'><![CDATA[0]]></BeforeAfter></Usage></Properties >\'
-target 2 '{
    DSSQLType={DummyTrigger=12},
    DSDerivation={DummyTrigger=\'DummyTrigger.DummyTrigger\'},
    DSSQLPrecision={DummyTrigger=10},
    DSSchema=\'record
    (
        DummyTrigger\:string\[max=10\]\;
    )\'
}'

## General options
[ident('CustomSQL'); jobmon_ident('CustomSQL')]
## Inputs
0< [] 'xfm:Insert.v'
1< [] 'xfm:update.v'
2< [] 'xfm>Delete.v'
;
#####
#### STAGE: xfm

```

```
## Operator
transform
## Operator options
-flag run
-name 'V0S4_ORATest_xfm'
-argvalue 'DMLType=[&"DMLType"]'
## General options
[ident('xfm'); jobmon_ident('xfm')]
## Inputs
0< [] 'Row_Generator_0:DummyTrigger.v'
## Outputs
0> [] 'xfm:Insert.v'
1> [] 'xfm:update.v'
2> [] 'xfm>Delete.v'
;
# End of OSH code

Item #: 6
Event ID: 5
Timestamp: 2025-11-13 20:08:15
Type: Info
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0133
Message: Parallel job default NLS map UTF-8, default locale OFF

Item #: 7
Event ID: 6
Timestamp: 2025-11-13 20:08:16
Type: Info
User Name: dsadm
Message Id: IIS-DSEE-TFCN-00001
Message: main_program: IBM InfoSphere DataStage Enterprise Edition
11.7.1.8846
Copyright (c) 2001, 2005-2019 IBM Corporation. All rights reserved

Item #: 8
Event ID: 7
Timestamp: 2025-11-13 20:08:16
Type: Info
User Name: dsadm
Message Id: IIS-DSEE-TFCN-00006
Message: main_program: conductor uname: -s=AIX; -r=2; -v=7;
-n=eu2ndwu579; -m=00C44AC84C00

Item #: 9
Event ID: 8
```

Timestamp: 2025-11-13 20:08:16
Type: Info
User Name: dsadm
Message Id: IIS-DSEE-TOSH-00002
Message: main_program: orchgeneral: loaded
orchsort: loaded
orchstats: loaded

Item #: 10
Event ID: 9
Timestamp: 2025-11-13 20:08:16
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04001
Message: CustomSQL: [Input link 0] The connector connected to Oracle server EDWSIT2.

Item #: 11
Event ID: 10
Timestamp: 2025-11-13 20:08:16
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04045
Message: CustomSQL: [Input link 0] Connector code revision: 278163_02042019

Item #: 12
Event ID: 11
Timestamp: 2025-11-13 20:08:16
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04005
Message: CustomSQL: [Input link 0] The connector will run in parallel on 1 processing nodes.

Item #: 13
Event ID: 12
Timestamp: 2025-11-13 20:08:16
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04039
Message: CustomSQL: [Input link 0] The connector will use the following INSERT statement at runtime: insert into enr_owner.dummy (id) values (1).
[Input link 1] The connector will use the following UPDATE statement at runtime: update enr_owner.opco set org_id =0 where 1=0.

[Input link 2] The connector will use the following DELETE statement at runtime: delete from enr_owner.opco where 1=0.

Item #: 14

Event ID: 13

Timestamp: 2025-11-13 20:08:16

Type: Info

User Name: dsadm

Message Id: IIS-DSEE-TFSC-00001

Message: main_program: APT configuration file:
/opt/IBM/InformationServer/Server/Configurations/cdc_1node.apt
{
 node "node1"
 {
 fastname "eu2ndwu579"
 pools ""
 resource disk "/datastage/resource_disk" {}
 resource scratchdisk "/datastage/scratch_disk1" {}
 resource scratchdisk "/datastage/scratch_disk2" {}
 resource scratchdisk "/datastage/scratch_disk3" {}
 resource scratchdisk "/datastage/scratch_disk4" {}
 }
}

Item #: 15

Event ID: 14

Timestamp: 2025-11-13 20:08:16

Type: Info

User Name: dsadm

Message Id: IIS-CONN-ORA-04001

Message: CustomSQL,0: [Input link 0] The connector connected to Oracle server EDWSIT2.

Item #: 16

Event ID: 15

Timestamp: 2025-11-13 20:08:16

Type: Info

User Name: dsadm

Message Id: IIS-CONN-ORA-04038

Message: CustomSQL,0: [Input link 0] The column DummyTrigger from the input schema is not used. It will be ignored.

[Input link 1] The column DummyTrigger from the input schema is not used. It will be ignored.

[Input link 2] The column DummyTrigger from the input schema is not used. It will be ignored.

Item #: 17
Event ID: 16
Timestamp: 2025-11-13 20:08:16
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04015
Message: CustomSQL,0: [Input link 0] Number of rows inserted on the current node: 0.

Item #: 18
Event ID: 17
Timestamp: 2025-11-13 20:08:16
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04016
Message: CustomSQL,0: [Input link 1] Number of rows updated on the current node: 0.

Item #: 19
Event ID: 18
Timestamp: 2025-11-13 20:08:16
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04017
Message: CustomSQL,0: [Input link 2] Number of rows deleted on the current node: 0.

Item #: 20
Event ID: 19
Timestamp: 2025-11-13 20:08:16
Type: Info
User Name: dsadm
Message Id: IIS-DSEE-TFSC-00010
Message: main_program: Step execution finished with status = OK.

Item #: 21
Event ID: 20
Timestamp: 2025-11-13 20:08:17
Type: Info
User Name: dsadm
Message Id: IIS-DSEE-TCOS-00026
Message: main_program: Startup time, 0:00; production run time, 0:00.

Item #: 22
Event ID: 21

Timestamp: 2025-11-13 20:08:17
Type: Info
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0124
Message: Parallel job reports successful completion

Item #: 23
Event ID: 22
Timestamp: 2025-11-13 20:08:17
Type: Control
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0077
Message: Finished Job ORATEst.

Item #: 24
Event ID: 23
Timestamp: 2025-11-13 20:08:17
Type: Reset
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0202
Message: Auto purging suppressed - prior daily purge completed

Item #: 25
Event ID: 24
Timestamp: 2025-11-13 20:08:43
Type: Control
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0070
Message: Starting Job ORATEst.
SID = EDWSIT2
USER = ds_user
PASSWORD = *****
DMLType = delete
INSERTSQL = insert into enr_owner.dummy (id) values (1)
DELETESQL = delete from enr_owner.opco where 1=0
UPDATESQL = update enr_owner.opco set org_id =0 where 1=0

Item #: 26
Event ID: 25
Timestamp: 2025-11-13 20:08:44
Type: Info
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0126
Message: Environment variable settings:
_=/usr/bin/nohup
APT_COMPILEOPT=-c -O -q64


```
APT_COMPILER=/opt/IBM/xlC/13.1.3/bin/xlC
APT_CONFIG_FILE=/opt/IBM/InformationServer/Server/Configurations/cdc_1node.apt
APT_DEFAULT_TRANSPORT_BLOCK_SIZE=200000
APT_ERROR_CONFIGURATION=severity, !vseverity, !jobid, moduleid,
errorIndex, timestamp, !ipaddr, !nodeplayer, !nodename, opid, message
APT_LINKER=/opt/IBM/xlC/13.1.3/bin/xlC
APT_LINKOPT=-G -q64
APT_MONITOR_MINTIME=10
APT_NO_ONE_NODE_COMBINING_OPTIMIZATION=1
APT_OPERATOR_REGISTRY_PATH=/datastage/projects/DWHBI2_SIT02/buildop
APT_ORCHHOME=/opt/IBM/InformationServer/Server/PXEngine
ASBHOME=/opt/IBM/InformationServer/ASBNode
BELL=^G
CLCMD_PASSTHRU=1
DB2DIR=/opt/IBM/DBV11
DB2INSTANCE=db2inst1
DS_ENABLE_RESERVED_CHAR_CONVERT=0
DS_OPERATOR_BUILDOP_DIR=buildop
DS_OPERATOR_WRAPPED_DIR=wrapped
DS_OPTIMIZE_FILE_BROWSE=0
DS_TDM_PIPE_OPEN_TIMEOUT=720
DS_TDM_TRACE_SUBROUTINE_CALLS=0
DS_USERNO=-2554
DSHOME=/opt/IBM/InformationServer/Server/DSEngine
DSIPC_OPEN_TIMEOUT=30
DSRPCD_PORT_NUMBER=31538
EXTENDED_HISTORY=ON
evRootDir=/bi/cdd/
FLAVOR=-1
HOME=/
ISFSHMID=572523836
ISHOME=/opt/IBM/InformationServer
ISUSER=isadmin
LANG=C
LC__FASTMSG=true
LDR_CNTRL=USERREGS
LIBPATH=/datastage/projects/DWHBI2_SIT02/RT_BP327.0:/opt/IBM/Information
Server/Server/DSComponents/lib:/opt/IBM/InformationServer/Server/DSCompo
nents/bin:/opt/IBM/InformationServer/Server/DSParallel:/opt/IBM/Informat
ionServer/Server/PXEngine/user_lib:/opt/IBM/InformationServer/Server/PXE
ngine/lib:/datastage/projects/DWHBI2_SIT02/buildop:/opt/IBM/InformationS
erver/Server/branded_odbc/lib:/opt/IBM/InformationServer/Server/DSEngine
/lib:/opt/IBM/InformationServer/Server/DSEngine/uvdlls:/opt/IBM/Informat
ionServer/jdk/jre/lib/ppc64/j9vm:/opt/IBM/InformationServer/jdk/jre/lib/
ppc64:/opt/IBM/InformationServer/ASBNode/lib/cpp:/opt/IBM/InformationSer
```

```
ver/ASBNode/apps/proxy/cpp/aix-all-ppc_64:/opt/IBM/DB2V11/lib64:/opt/oracle/19c/product/19.0.0/client_1/lib:/opt/oracle/19c/product/19.0.0/client_1/lib:/usr/lib:/lib
LOCPATH=/usr/lib/nls/loc
LOGIN=dsadm
LOGNAME=dsadm
NIM_SECONDARY_PORT=49152:2
NLS_LANG=ENGLISH_UNITED KINGDOM.AL32UTF8
NLSPATH=/usr/lib/nls/msg/%L/%N:/usr/lib/nls/msg/%L/%N.cat:/usr/lib/nls/msg/%1.%c/%N:/usr/lib/nls/msg/%1.%c/%N.cat
ODBCINI=/opt/IBM/InformationServer/Server/DSEngine/.odbc.ini
ODMDIR=/etc/objrepos
ORACLE_HOME=/opt/oracle/19c/product/19.0.0/client_1
OSH_STDOUT_MSG=1
P_CNTRL_DB=DRHSIT2
P_CNTRL_ID=ds_user
P_CNTRL_PWD=*****
P_CNTRL_SCHEMA=CTRL_OWNER
P_EDW_SCHEMA=EDW_OWNER
P_ENR_SCHEMA=ENR_OWNER
PATH=/datastage/projects/DWHBI2_SIT02/wrapped:/datastage/projects/DWHBI2_SIT02/buildop:/datastage/projects/DWHBI2_SIT02/RT_BP327.0:/opt/IBM/InformationServer/Server/DSComponents/lib:/opt/IBM/InformationServer/Server/DSComponents/bin:/opt/IBM/InformationServer/Server/DSParallel:/opt/IBM/InformationServer/Server/PXEngine/user_osh_wrappers:/opt/IBM/InformationServer/Server/PXEngine/osh_wrappers:/opt/IBM/InformationServer/Server/PXEngine/bin:/usr/bin:/etc:/usr/sbin:/usr/ucb:/usr/bin/X11:/sbin:/usr/java8_64/jre/bin:/usr/java8_64/jre/bin:/opt/oracle/19c/product/19.0.0/client_1/bin:/usr:/usr/vacpp:/usr/vacpp/bin
PIDTOK=61473202
PWD=/opt/IBM/InformationServer/Server/DSEngine
PX_DBCONNECTHOME=/opt/IBM/InformationServer/Server/DSComponents
pEDWPasswd=*****
pEDWSID=EDWSIT2
pEDWUser=DS_USER
pMailServer=general.risenet.eu
pSenderMail=ABBA.ETL.SIT@OSBERGLABS-EUROPE.COM
TERM=
TZ=Europe/London
UDTBIN=/opt/IBM/InformationServer/Server/DSEngine/ud41/bin
UDTHOME=/opt/IBM/InformationServer/Server/DSEngine/ud41
WHO=DWHBI2_SIT02
```

Item #: 27

Event ID: 26

Timestamp: 2025-11-13 20:08:44

Type: Info
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0121
Message: Parallel job initiated

Item #: 28
Event ID: 27
Timestamp: 2025-11-13 20:08:44
Type: Info
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0470
Message: OSH script

OSH / orchestrate script for Job ORATEst compiled at 20:06:44 13 NOV 2025

#####

STAGE: Row_Generator_0

Operator

generator

Operator options

-schema record

(

DummyTrigger:string[max=10];

)

-records 1

General options

[ident('Row_Generator_0'); jobmon_ident('Row_Generator_0')]

Outputs

0> [] 'Row_Generator_0:DummyTrigger.v'

;

#####

STAGE: CustomSQL

Operator

pxbridge

Operator options

-Orientation link

-XMLProperties '<?xml version=\''1.0\'' encoding=\''UTF-16\''?><Properties

version=\''1.1\''><Common><Context type=\''int\''>2</Context><Variant

type=\''string\''>11</Variant><DescriptorVersion

type=\''string\''>1.0</DescriptorVersion><PartitionType

type=\''int\''>-1</PartitionType><RCP

type=\''int\''>0</RCP></Common><Connection><Server modified=\''1\''

type=\''string\''><![CDATA[["SID"]]]></Server><Username modified=\''1\''

type=\''string\''><![CDATA[["USER"]]]></Username><Password modified=\''1\''

type=\''string\''><![CDATA[["PASSWORD"]]]></Password><OSLevelAuthenticati

on type=\''bool\''><![CDATA[0]]></OSLevelAuthentication><Version

type=\''string\''><![CDATA[11g]]></Version></Connection><Usage><Transactio

```

n><IsolationLevel
type=\int\><![CDATA[0]]></IsolationLevel></Transaction><RecordOrdering
collapsed=\1\
type=\int\><![CDATA[0]]></RecordOrdering><ApplicationFailoverControl
collapsed=\1\
type=\bool\><![CDATA[0]]></ApplicationFailoverControl></Usage></Properties >
-connector '{
    variant=\11\,
    library=ccora11g,
    version=1.0,
    variantlist=\V1;11:"11g":ccora11g;12:"12c":ccora12c\,
    versionlist=\1.0,1.0\,
    name=OracleConnector
}'
-linkXMLProperties target 0 '<?xml version=\1.0\
encoding=\UTF-16\?'><Properties version=\1.1\><Common><Context
type=\int\>2</Context><Variant
type=\string\>11</Variant><DescriptorVersion
type=\string\>1.0</DescriptorVersion><PartitionType
type=\int\>-1</PartitionType><RCP
type=\int\>1</RCP><Reject></Reject></Common><Usage><WriteMode
type=\int\><![CDATA[0]]></WriteMode><GenerateSQL
type=\bool\><![CDATA[0]]></GenerateSQL><EnableQuotedIDs
type=\bool\><![CDATA[0]]></EnableQuotedIDs><SQL><InsertStatement
modified=\1\
type=\string\><![CDATA[["INSERTSQL"]]]><ReadFromFileInsert
type=\bool\><![CDATA[0]]></ReadFromFileInsert><Tables
collapsed=\1\></Tables><Parameters
collapsed=\1\></Parameters><Columns
collapsed=\1\></Columns></InsertStatement></SQL><TableAction
collapsed=\1\
type=\int\><![CDATA[0]]></TableAction><Session><ArraySize
type=\int\><![CDATA[2000]]></ArraySize><DropUnmatchedFields
modified=\1\
type=\bool\><![CDATA[1]]></DropUnmatchedFields><PreserveTrailingBlanks
type=\bool\><![CDATA[1]]></PreserveTrailingBlanks><FailOnRowErrorPX
type=\bool\><![CDATA[1]]></FailOnRowErrorPX></Session><Logging><LogColumnValues collapsed=\1\
type=\bool\><![CDATA[0]]></LogColumnValues></Logging><BeforeAfter
collapsed=\1\
type=\bool\><![CDATA[0]]></BeforeAfter></Usage></Properties >
-target 0 '{
    DSSQLType={DummyTrigger=12},
    DSDerivation={DummyTrigger=\DummyTrigger\DummyTrigger\},
    DSSQLPrecision={DummyTrigger=10},

```

```

DSSchema=\record
(
    DummyTrigger\:string\[max\=10\]\;
)\'
}'

-linkXMLProperties target 1 '<?xml version=\'1.0\'
encoding=\'UTF-16\'?><Properties version=\'1.1\'><Common><Context
type=\'int\'>2</Context><Variant
type=\'string\'>11</Variant><DescriptorVersion
type=\'string\'>1.0</DescriptorVersion><PartitionType
type=\'int\'>-1</PartitionType><RCP
type=\'int\'>1</RCP><Reject></Reject></Common><Usage><WriteMode
modified=\'1\' type=\'int\'><![CDATA[1]]></WriteMode><GenerateSQL
type=\'bool\'><![CDATA[0]]></GenerateSQL><EnableQuotedIDs
type=\'bool\'><![CDATA[0]]></EnableQuotedIDs><SQL><UpdateStatement
modified=\'1\'
type=\'string\'><![CDATA[["UPDATESQL"]]]></ReadFromFileUpdate
type=\'bool\'><![CDATA[0]]></ReadFromFileUpdate><Tables
collapsed=\'1\'></Tables><Parameters
collapsed=\'1\'></Parameters><Columns
collapsed=\'1\'></Columns></UpdateStatement></SQL><TableAction
collapsed=\'1\'
type=\'int\'><![CDATA[0]]></TableAction><Session><ArraySize
type=\'int\'><![CDATA[2000]]></ArraySize><DropUnmatchedFields
modified=\'1\'
type=\'bool\'><![CDATA[1]]></DropUnmatchedFields><PreserveTrailingBlanks
type=\'bool\'><![CDATA[1]]></PreserveTrailingBlanks><FailOnRowErrorPX
type=\'bool\'><![CDATA[1]]></FailOnRowErrorPX></Session><Logging><LogCol
umnValues collapsed=\'1\'
type=\'bool\'><![CDATA[0]]></LogColumnValues></Logging><BeforeAfter
collapsed=\'1\'
type=\'bool\'><![CDATA[0]]></BeforeAfter></Usage></Properties >\'
-target 1 '{
    DSSQLType={DummyTrigger=12},
    DSDerivation={DummyTrigger=\'DummyTrigger.DummyTrigger\'},
    DSSQLPrecision={DummyTrigger=10},
    DSSchema=\record
    (
        DummyTrigger\:string\[max\=10\]\;
    )\'
}'

-linkXMLProperties target 2 '<?xml version=\'1.0\'
encoding=\'UTF-16\'?><Properties version=\'1.1\'><Common><Context
type=\'int\'>2</Context><Variant

```

```

type='string'>11</Variant><DescriptorVersion
type='string'>1.0</DescriptorVersion><PartitionType
type='int'>-1</PartitionType><RCP
type='int'>1</RCP><Reject></Reject></Common><Usage><WriteMode
modified='1' type='int'><![CDATA[2]]></WriteMode><GenerateSQL
type='bool'><![CDATA[0]]></GenerateSQL><EnableQuotedIDs
type='bool'><![CDATA[0]]></EnableQuotedIDs><SQL><DeleteStatement
modified='1'
type='string'><![CDATA[["DELETESQL"]]]><ReadFromFileDelete
type='bool'><![CDATA[0]]></ReadFromFileDelete><Tables
collapsed='1'></Tables><Parameters
collapsed='1'></Parameters><Columns
collapsed='1'></Columns></DeleteStatement></SQL><TableAction
collapsed='1'
type='int'><![CDATA[0]]></TableAction><Session><ArraySize
type='int'><![CDATA[2000]]></ArraySize><DropUnmatchedFields
modified='1'
type='bool'><![CDATA[1]]></DropUnmatchedFields><PreserveTrailingBlanks
type='bool'><![CDATA[1]]></PreserveTrailingBlanks><FailOnRowErrorPX
type='bool'><![CDATA[1]]></FailOnRowErrorPX></Session><Logging><LogCol
umnValues collapsed='1'
type='bool'><![CDATA[0]]></LogColumnValues></Logging><BeforeAfter
collapsed='1'
type='bool'><![CDATA[0]]></BeforeAfter></Usage></Properties >
-target 2 '{
    DSSQLType={DummyTrigger=12},
    DSDerivation={DummyTrigger='DummyTrigger\ DummyTrigger'},
    DSSQLPrecision={DummyTrigger=10},
    DSSchema='record
        (
            DummyTrigger:string[max=10]\;
        )\
    }'
}

```

```
## General options
```

```
[ident('CustomSQL'); jobmon_ident('CustomSQL')]
```

```
## Inputs
```

```
0< [] 'xfm:Insert.v'
```

```
1< [] 'xfm:update.v'
```

```
2< [] 'xfm>Delete.v'
```

```
;
```

```
#####
```

```
#### STAGE: xfm
```

```
## Operator
```

```
transform
```

```
## Operator options
```

```
-flag run
-name 'V0S4_ORATEst_xfm'
-argvalue 'DMLType=[&"DMLType"]'
## General options
[ident('xfm'); jobmon_ident('xfm')]
## Inputs
0< [] 'Row_Generator_0:DummyTrigger.v'
## Outputs
0> [] 'xfm:Insert.v'
1> [] 'xfm:update.v'
2> [] 'xfm>Delete.v'
;
# End of OSH code
```

```
Item #: 29
Event ID: 28
Timestamp: 2025-11-13 20:08:44
Type: Info
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0133
Message: Parallel job default NLS map UTF-8, default locale OFF
```

```
Item #: 30
Event ID: 29
Timestamp: 2025-11-13 20:08:44
Type: Info
User Name: dsadm
Message Id: IIS-DSEE-TFCN-00001
Message: main_program: IBM InfoSphere DataStage Enterprise Edition
11.7.1.8846
Copyright (c) 2001, 2005-2019 IBM Corporation. All rights reserved
```

```
Item #: 31
Event ID: 30
Timestamp: 2025-11-13 20:08:44
Type: Info
User Name: dsadm
Message Id: IIS-DSEE-TFCN-00006
Message: main_program: conductor uname: -s=AIX; -r=2; -v=7;
-n=eu2ndwu579; -m=00C44AC84C00
```

```
Item #: 32
Event ID: 31
Timestamp: 2025-11-13 20:08:44
Type: Info
User Name: dsadm
```


Message Id: IIS-DSEE-TOSH-00002
Message: main_program: orchgeneral: loaded
orchsort: loaded
orchstats: loaded

Item #: 33
Event ID: 32
Timestamp: 2025-11-13 20:08:44
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04001
Message: CustomSQL: [Input link 0] The connector connected to Oracle server EDWSIT2.

Item #: 34
Event ID: 33
Timestamp: 2025-11-13 20:08:44
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04045
Message: CustomSQL: [Input link 0] Connector code revision: 278163_02042019

Item #: 35
Event ID: 34
Timestamp: 2025-11-13 20:08:44
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04005
Message: CustomSQL: [Input link 0] The connector will run in parallel on 1 processing nodes.

Item #: 36
Event ID: 35
Timestamp: 2025-11-13 20:08:44
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04039
Message: CustomSQL: [Input link 0] The connector will use the following INSERT statement at runtime: insert into enr_owner.dummy (id) values (1).
[Input link 1] The connector will use the following UPDATE statement at runtime: update enr_owner.opco set org_id =0 where 1=0.
[Input link 2] The connector will use the following DELETE statement at runtime: delete from enr_owner.opco where 1=0.

Item #: 37
Event ID: 36
Timestamp: 2025-11-13 20:08:45
Type: Info
User Name: dsadm
Message Id: IIS-DSEE-TFSC-00001
Message: main_program: APT configuration file:
/opt/IBM/InformationServer/Server/Configurations/cdc_1node.apt
{
 node "node1"
 {
 fastname "eu2ndwu579"
 pools ""
 resource disk "/datastage/resource_disk" {}
 resource scratchdisk "/datastage/scratch_disk1" {}
 resource scratchdisk "/datastage/scratch_disk2" {}
 resource scratchdisk "/datastage/scratch_disk3" {}
 resource scratchdisk "/datastage/scratch_disk4" {}
 }
}

Item #: 38
Event ID: 37
Timestamp: 2025-11-13 20:08:45
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04001
Message: CustomSQL,0: [Input link 0] The connector connected to
Oracle server EDWSIT2.

Item #: 39
Event ID: 38
Timestamp: 2025-11-13 20:08:45
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04038
Message: CustomSQL,0: [Input link 0] The column DummyTrigger from the
input schema is not used. It will be ignored.
[Input link 1] The column DummyTrigger from the input schema is not
used. It will be ignored.
[Input link 2] The column DummyTrigger from the input schema is not
used. It will be ignored.

Item #: 40
Event ID: 39

Timestamp: 2025-11-13 20:08:45
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04015
Message: CustomSQL,0: [Input link 0] Number of rows inserted on the current node: 0.

Item #: 41
Event ID: 40
Timestamp: 2025-11-13 20:08:45
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04016
Message: CustomSQL,0: [Input link 1] Number of rows updated on the current node: 0.

Item #: 42
Event ID: 41
Timestamp: 2025-11-13 20:08:45
Type: Info
User Name: dsadm
Message Id: IIS-CONN-ORA-04017
Message: CustomSQL,0: [Input link 2] Number of rows deleted on the current node: 0.

Item #: 43
Event ID: 42
Timestamp: 2025-11-13 20:08:45
Type: Info
User Name: dsadm
Message Id: IIS-DSEE-TFSC-00010
Message: main_program: Step execution finished with status = OK.

Item #: 44
Event ID: 43
Timestamp: 2025-11-13 20:08:45
Type: Info
User Name: dsadm
Message Id: IIS-DSEE-TCOS-00026
Message: main_program: Startup time, 0:00; production run time, 0:00.

Item #: 45
Event ID: 44
Timestamp: 2025-11-13 20:08:45
Type: Info
User Name: dsadm

Message Id: IIS-DSTAGE-RUN-I-0124
Message: Parallel job reports successful completion

Item #: 46
Event ID: 45
Timestamp: 2025-11-13 20:08:45
Type: Control
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0077
Message: Finished Job ORATEst.

Item #: 47
Event ID: 46
Timestamp: 2025-11-13 20:08:45
Type: Reset
User Name: dsadm
Message Id: IIS-DSTAGE-RUN-I-0202
Message: Auto purging suppressed - prior daily purge completed

End of report.