

IBM WebSphere® Data Interchange V3.3

The PERFORM statement and its options



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Overview

The WebSphere Data Interchange Utility command language consists of PERFORM statements with WHERE clauses, and SELECTING clauses.

It is represented in the text as follows:

PERFORM SAMPLE-COMMAND
SELECTING SAMPLE-KEYWORD(value)
WHERE SAMPLE-KEYWORD(value)



Overview

•The PERFORM statement can be specified in batch using the SYSIN statement, or passed in the Utility Control block if invoked via the Utility API.

- •Multiple WHERE clauses can be specified, with each identifying a new set of criteria.
- •The SELECTING clause is used with a few statements to limit the selected data to be processed
- PERFORM statements can be stacked within the command input file



Overview

Example of PERFORM with multiple WHERE clauses Each WHERE translates data from a different dataset

PERFORM TRANSFORM

WHERE SYNTAX(E) INFILE(CUST1)

OUTFILE(ADFOUT) CLEARFILE(Y)

DICTIONARY(UNTDI931)

WHERE SYNTAX(E) INFILE(CUST2)

OUTFILE(ADFOUT) CLEARFILE(Y)

DICTIONARY(UNTDI931)



Overview

- Each PERFORM command has a specific function which is tailored according to the keyword values associated with the PERFORM
- A list of all PERFORM commands and keywords is documented in the WDI Utility Commands and File Formats Reference manual



Example

TRANSFORM command

You can use this command to translate data in any format to any other format defined in your WebSphere Data Interchange system. This command uses data transformation maps to translate the data.

Syntax

TRANSFORM

CLEARFILE(clear specified file contents)
DICTIONARY(input dictionary name)
DOCUMENT(input data document name)
IFCC(override condition codes)

INFILE(input data file name)
INTYPE(input data file type)

MAPID(map name)

OUTFILE(output data file name)

OUTLEN(maximum output record length)

OUTTYPE(output data file type)

SETCC(condition codes)

SYNTAX(input data syntax type)

TRACELEVEL(trace level)

XMLEBCDIC(EBDCDIC indicator)

XMLVALIDATE(XML validation indicator)

XMLDTDS(XML DTD path)

TRANSFORM command example

Transform the MQSeries queue file PURCH1 and output the results in file PURCHTRN.

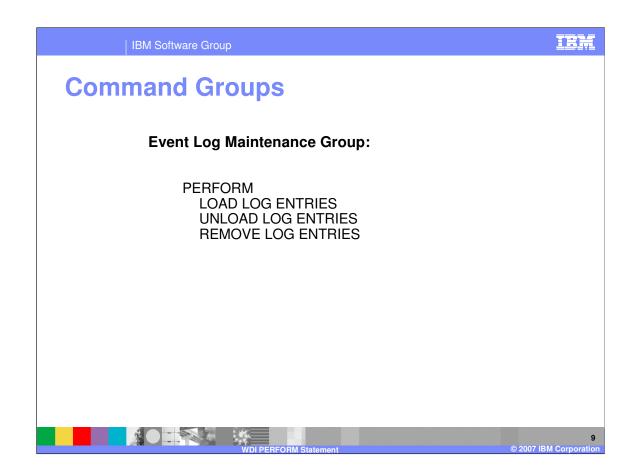
PERFORM TRANSFORM

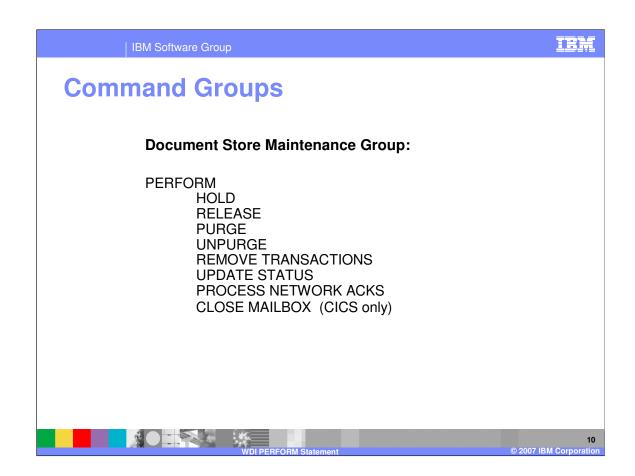
WHERE INFILE(PURCH1)INTYPE(MQ)SYNTAX(X)OUTFILE(PURCHTRN)

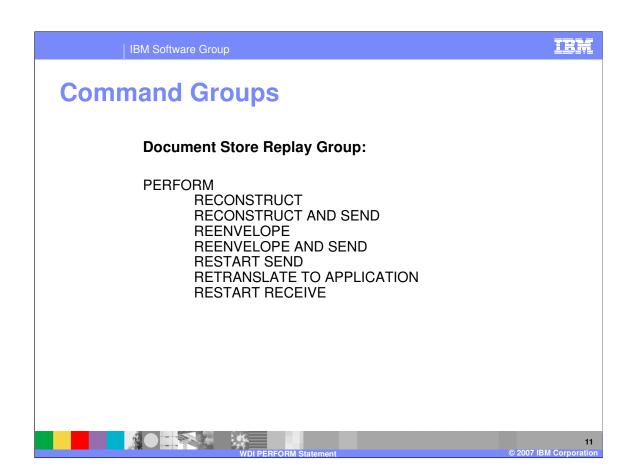
Typical command and options available

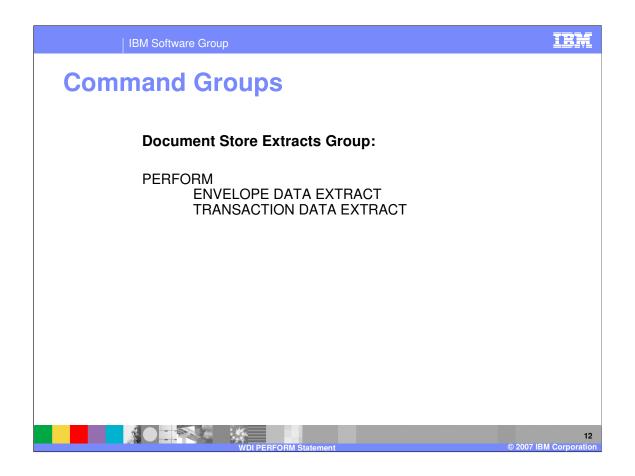
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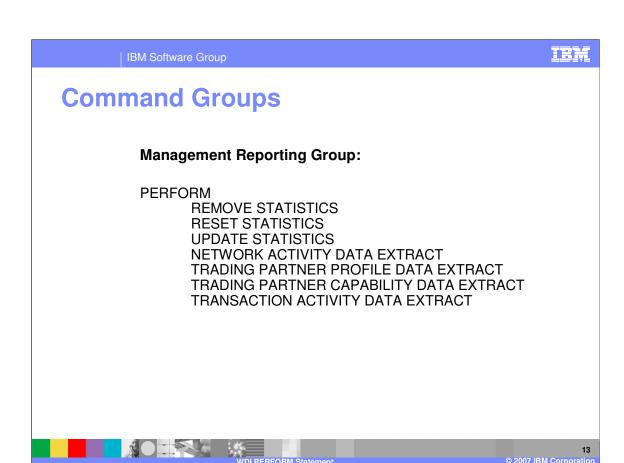


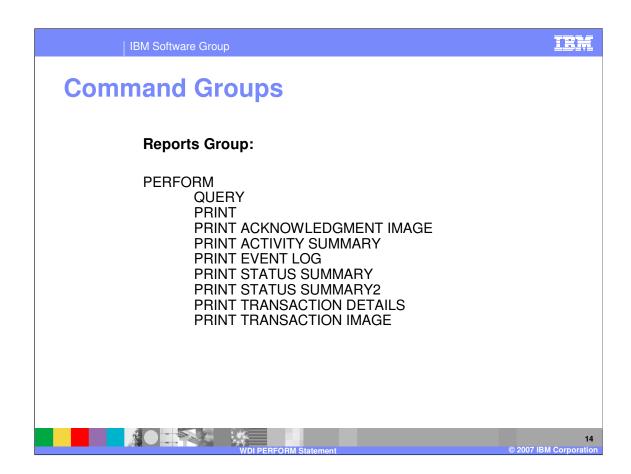






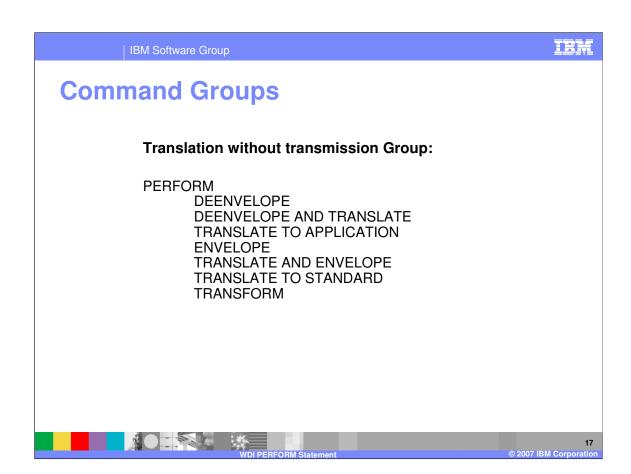














Hints and Tips

- Some keywords are optional
- •Where a default value is documented, the keyword need not be specified
- Valid keywords that are not valid for the specific PERFORM command are ignored
- Invalid keywords are flagged as error and halt the processing



Summary

- The PERFORM statement identifies the function that is to be executed
- Keywords provide parameters and parameter values to the command
- PERFORM commands can be "stacked" in the command input file
- •WHERE clauses can be stacked within a PERFORM statement



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