ggsci 命令 help信息

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GGSCI (MysqlRestore.localdomain) 1> help ?
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Oracle GoldenGate GGSCI Commands

This file describes the commands that can be issued through the Oracle GoldenGate
Software Command Interface (GGSCI). This is the command interface between
users and Oracle GoldenGate functional components.

Summary of Manager Commands
Use the Manager commands to control the Manager process. Manager is the parent
process of Oracle GoldenGate and is responsible for the management of its processes
and files, resources, user interface, and the reporting of thresholds and errors.

Command	Description
INFO MANAGER	Returns information about the Manager port and process id.
SEND MANAGER	Returns information about a running Manager process and optionally child processes.
START MANAGER	Starts the Manager process.
STATUS MANAGER	Returns the state of the Manager port and process ID.
STOP MANAGER	Stops the Manager process.

Summary of Extract Commands
Use the Extract commands to create and manage Extract groups. The Extract process
captures either full data records or transactional data changes, depending on configuration
parameters, and then sends the data to a trail for further processing by a downstream
process, such as a data-pump Extract or the Replicat process.

Command	Description
ADD EXTRACT	Creates an Extract group.
ALTER EXTRACT	Changes attributes of an Extract group
CLEANUP EXTRACT	Deletes run history for an Extract group
DELETE EXTRACT	Deletes an Extract group.
INFO EXTRACT	Returns information about an Extract group.
KILL EXTRACT	Forcibly terminates the run of an Extract group.
LAG EXTRACT	Returns information about Extract lag.
REGISTER EXTRACT	Registers an Extract group with an Oracle database.
SEND EXTRACT	Sends instructions to, or returns information about, a running Extract group.
START EXTRACT	Starts an Extract group.
STATS EXTRACT	Returns processing statistics for an Extract group.
STATUS EXTRACT	Returns the state of an Extract group.
STOP EXTRACT	Stops an Extract group.
UNREGISTER EXTRACT	Unregisters an Extract group from an Oracle database.

Summary of Replicat Commands
Use the Replicat commands to create and manage Replicat groups. The Replicat
process reads data extracted by the Extract process and applies it to target tables
or prepares it for use by another application, such as a load application.

Command	Description
ADD REPLICAT	Adds a Replicat group.
ALTER REPLICAT	Changes attributes of a Replicat group.

CLEANUP REPLICAT	Deletes run history of a Replicat group.
DELETE REPLICAT	Deletes a Replicat group.
INFO REPLICAT	Returns information about a Replicat group.
KILL REPLICAT	Forcibly terminates a Replicat group.
LAG REPLICAT	Returns information about Replicat lag.
REGISTER REPLICAT	Registers a Replicat group with an Oracle database.
SEND REPLICAT	Sends instructions to, or returns information about, a running Replicat group.
START REPLICAT	Starts a Replicat group.
STATS REPLICAT	Returns processing statistics for a Replicat group.
STATUS REPLICAT	Returns the state of a Replicat group.
STOP REPLICAT	Stops a Replicat group.
SYNCHRONIZE REPLICAT	Returns all threads of a coordinated Replicat to a uniform start point after an unclean shutdown of the Replicat process.
UNREGISTER REPLICAT	Unregisters a Replicat group from an Oracle database.

Summary of Wallet Commands

Use the wallet commands to manage the master-key wallet that stores Oracle GoldenGate master encryptions keys, and to add master keys to this wallet.

Command	Description
CREATE WALLET	Creates a wallet that stores master encryption keys.
OPEN WALLET	Opens a master-key wallet.
PURGE WALLET	Permanently removes from a wallet the master keys that are marked as deleted.
ADD MASTERKEY	Adds a master key to a master-key wallet.
INFO MASTERKEY	Returns information about master keys.
RENEW MASTERKEY	Adds a new version of a master key.
DELETE MASTERKEY	Marks a master key for deletion.
UNDELETE MASTERKEY	Changes the state of a master key from being marked as deleted to marked as available.

Summary of Credential Store Commands

Use the credential store commands to manage an Oracle GoldenGate credential store and to add credentials to the credential store.

Command	Description
ADD CREDENTIALSTORE	Creates a credentials store (wallet) that stores encrypted database user credentials.
ALTER CREDENTIALSTORE	Changes the contents of a credentials store.
INFO CREDENTIALSTORE	Returns information about a credentials store.
DELETE CREDENTIALSTORE	Deletes the wallet that serves as a credentials store.

Summary of Trail Commands

Use the trail commands to create and manage Oracle GoldenGate trails. A trail is a series of files in which Oracle GoldenGate temporarily stores extracted data on disk until it has been applied to the target location.

Command	Description
ADD EXTTRAIL	Adds a local trail to the Oracle GoldenGate configuration.
ADD RMTTRAIL	Adds a remote trail to the Oracle GoldenGate configuration.
ALTER EXTTRAIL	Changes attributes of a local trail.
ALTER RMTTRAIL	Changes attributes of a remote trail.
DELETE EXTTRAIL	Removes a local trail from the Oracle GoldenGate configuration.

DELETE RMTTRAIL	Removes a remote trail from the Oracle GoldenGate configuration.
INFO EXTTRAIL	Returns information about a local trail.
INFO RMTTRAIL	Returns information about a remote trail.

Summary of Parameter Commands

Use the parameter commands to view and manage Oracle GoldenGate parameter files.
See Administering Oracle GoldenGate for more information about how to work with parameter files.

Command	Description
EDIT PARAMS	Opens a parameter file for editing in the default text editor.
SET EDITOR	Sets the default text editor program for editing parameter files.
VIEW PARAMS	Displays the contents of a parameter file in read-only mode on-screen.
INFO PARAM	Returns parameter definition information.

Summary of Database Commands

Use the database commands to interact with the database from GGSCI.

Command	Description
DBLOGIN	Logs the GGSCI session into a database so that other commands that affect the database can be issued.
DUMPDDL	Shows the data in the Oracle GoldenGate DDL history table.
ENCRYPT PASSWORD	Encrypts a database login password.
FLUSH SEQUENCE	Updates an Oracle sequence so that initial redo records are available at the time that Extract starts capturing transaction data after the instantiation of the replication environment.
LIST TABLES	Lists the tables in the database with names that match the input specification.
MININGDBLOGIN	Specifies the credentials of the user that an Oracle GoldenGate process uses to log into an Oracle mining database.
SET NAMECCSID	Sets the CCSID of the GGSCI session in a DB2 for i environment.

Summary of Trandata Commands

Use trandata commands to configure the appropriate database components to provide the transaction information that Oracle GoldenGate needs to replicate source data operations.

Command	Description
ADD SCHEMATRANDATA	Enables schema-level supplemental logging.
ADD TRANDATA	Enables table-level supplemental logging.
DELETE SCHEMATRANDATA	Disables schema-level supplemental logging.
DELETE TRANDATA	Disables table-level supplemental logging.
INFO SCHEMATRANDATA	Returns information about the state of schema-level supplemental logging.
INFO TRANDATA	Returns information about the state of table-level supplemental logging.
SET_INSTANTIATION_CSN	Sets whether and how table instantiation CSN filtering is used.
CLEAR_INSTANTIATION_CSN	Clears table instantiation CSN filtering.

Summary of Checkpoint Table Commands

Use the checkpoint table commands to manage the checkpoint table that is used by Oracle GoldenGate to track the current position of Replicat in the trail.
For more information about checkpoints and using a checkpoint table, see Administering Oracle GoldenGate.

Command	Description

ADD CHECKPOINTTABLE	Creates a checkpoint table in a database.
CLEANUP CHECKPOINTTABLE	Removes checkpoint records that are no longer needed.
DELETE CHECKPOINTTABLE	Removes a checkpoint table from a database.
INFO CHECKPOINTTABLE	Returns information about a checkpoint table.
UPGRADE CHECKPOINTTABLE	Adds a supplemental checkpoint table when upgrading Oracle GoldenGate from version 11.2.1.0.0 or earlier.

Summary of Oracle Trace Table Commands

Use the trace table commands to manage the Oracle GoldenGate trace table that is used with bidirectional synchronization of Oracle databases. Replicat generates an operation in the trace table at the start of each transaction. Extract ignores all transactions that begin with an operation to the trace table. Ignoring Replicat's operations prevents data from looping back and forth between the source and target tables. For more information about bidirectional synchronization, see Administering Oracle GoldenGate for Windows and UNIX

Command	Description
ADD TRACETABLE	Creates a trace table.
DELETE TRACETABLE	Removes a trace table.
INFO TRACETABLE	Returns information about a trace table.

Summary of Oracle GoldenGate Monitor JAgent Commands

Use the JAgent commands to control the Oracle GoldenGate Monitor JAgent.

Command	Description
INFO JAGENT	Returns information about the JAgent.
START JAGENT	Starts the JAgent.
STATUS JAGENT	Returns the state of the JAgent.
STOP JAGENT	Stops the JAgent.

Summary of PMSRVR COMMANDS

Use the PMSRVR commands to control the Performance Metrics Server process. The Performance Metrics Server uses the metrics service to collect and store instance deployment performance results.

Command	Description
INFO PMSRVR	Returns information about the PMSRVR.
START PMSRVR	Starts the PMSRVR.
STATUS PMSRVR	Returns the state of the PMSRVR.
STOP PMSRVR	Stops the PMSRVR.

Summary of Oracle GoldenGate Automatic Heartbeat Commands

Use the heartbeat table commands to control the Oracle GoldenGate automatic heartbeat functionality.

Command	Description
ADD HEARTBEATTABLE	Creates the objects required for automatic heartbeat functionality.
ALTER HEARTBEATTABLE	Alters existing heartbeat objects.
DELETE HEARTBEATTABLE	Deletes existing heartbeat objects.
DELETE HEARTBEATENTRY	Deletes entries in the heartbeat table.
INFO HEARTBEATTABLE	Displays heartbeat table information.

Summary of Procedural Replication Commands

Use the following commands to enable, delete or retrieve information about procedures
that have supplemental logging turned on.

Command	Description
ADD PROCEDURETRANDATA	Adding supplemental logging for Procedural Replication.
DELETE PROCEDURETRANDATA	Remove supplemental logging for Procedural Replication.
INFO PROCEDURETRANDATA	Display display supplemental logging information about Procedural Replication.

Summary of Miscellaneous Oracle GoldenGate Commands
Use the following commands to control various other aspects of Oracle GoldenGate.

Command	Description
!	Executes a previous GGSCI command without modifications.
ALLOWNESTED | NOALLOWNESTED	Enables or disables the use of nested OBEY files.
CREATE SUBDIRS	Creates the default directories within the Oracle GoldenGate home directory.
DEFAULTJOURNAL	Sets a default journal for multiple tables or files for the ADD TRANDATA command when used for a DB2 for i database.
FC	Allows the modification and re-execution of a previously issued Provides assistance with syntax and usage of GGSCI commands.
HISTORY	Shows a list of the most recently issued commands since the startup of the GGSCI session.
INFO ALL	Displays status and lag for all Oracle GoldenGate processes on a system.
OBEY	Processes a file that contains a list of Oracle GoldenGate commands.
SHELL	Executes shell commands from within the GGSCI interface.
SHOW	Displays the attributes of the Oracle GoldenGate environment.
VERSIONS	Displays information about the operating system and database.
VIEW GGSEVT	Displays the Oracle GoldenGate error log (ggserr.logfile).
VIEW REPORT	Displays the process report or the discard file that is generated by Extract or Replicat.

For help on a specific command, type HELP <command> <object>.

Example: HELP ADD REPLICAT

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