

## **al\_engine parameters**

by Sudheer Sharma - Saturday, March 28, 2009

[http://dwhnotes.com/data-integrator/import-atl-using-al\\_engine/al\\_engineusage](http://dwhnotes.com/data-integrator/import-atl-using-al_engine/al_engineusage)

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### **al\_engine Usage:**

-A : BW Request ID consisting of RequestID [30 characters], Selection Date [8 characters], Selection Time [6 characters]

-v : Print version number

-D : Print debug messages

-DRowCount=<n>

-DASID=<s>

-DEngineID=<s>

-DGuiID=<s>

-Did<id> : Specify the Designer session's unique id

-Dit<it> : Specify the Designer session's execution iteration number

-Dt<timestamp> : Specify the Designer session's execution timestamp

-Dscan : Execute in Data Scan mode

-Dclean : Cleanup any Data Scan temporary files

-DDataScanRows =<n>

-T<TraceNumber> : Trace numbers. The numbers are:

-1 : Trace all

- 1 : Trace row
  - 2 : Trace plan
  - 4 : Trace session
  - 8 : Trace dataflow
  - 16 : Trace transform
  - 32 : Trace user transform
  - 64 : Trace user function
  - 128 : Trace ABAP Query
  - 256 : Trace SQL For SQL transforms
  - 512 : Trace SQL For SQL functions
  - 1024 : Trace SQL For SQL readers
  - 2048 : Trace SQL For SQL loaders
  - 4096 : Trace Show Optimized DataFlows
  - 8192 : Trace Repository SQL
  - 524288 : Trace Nested View Processing
  - 4194304 : Trace SAP RFC(BAPI) Function Call
  - 33554432 : Trace adapter/client calls
  - 67108864 : Trace broker communication layer
  - 2147483648 : Trace Audit data
- l<FileName> : Name of the trace log file
- z<FileName> : Name of the error log file (only if any error occurs)
- c<FileName> : Name of the config file
- w<FileName> : Name of the monitor file (must be used together with opti

on -r)

- r : Monitor sample rate (# of rows)
- test : Execute real-time jobs in batch test mode
- nt : Execute in single threaded mode
- np : Execute in single process mode
- no\_audit : Execute with Audit turned off
- no\_dq\_capture : Execute with Data quality statistics capture turned off
- Ksp<SystemConfiguration> : Execute with system configuration
- Ck : Execute in checkpoint mode
- Cr : Execute in checkpoint recovery mode
- Cm<MachineName> : Name of machine that administrates this job
- Ca<AccessServerName> : Name of access server that administrates this job
- Ct<JobType> : Type of this job (e.g. -CtBatch or -CtRTDF)
- Cj<JobServerHostName> : Name of job server's host that executes this job
- Cp<Port> : Port of job server that executes this job
- U<User> : Repository login user
- P<Password> : Repository login password
- S<Server> : Repository server name
- N<DatabaseType> : Repository database type
- Q<Database> : Repository database
- g : Repository using Windows Authentication (Microsoft SQL Server only)
- X : Export the repository to file "repo\_export.atl"
- XX : Export the repository to file "export.xml"

-XI<Filename.xml> : Import information into the repository

-Xp<ObjectType>@<FileName> : Export the specific repository objects to the atl file

-XX<ObjectType>@<FileName> : Export the specific repository objects to the xml file

-XX<ObjectType>@<FileName>@<ObjectName> : Export the specific repository object to the xml file

-XX<ObjectType>@<FileName>@<ObjectName>@DE: Export the specific repository object and its dependents with datastore information to the xml file

-XX<ObjectType>@<FileName>@<ObjectName>@D : Export the specific repository object and its dependents without datastore information to the xml file

<ObjectType> can be one of the following

P : Exports all Projects

J : Exports all Jobs

W : Exports all Workflows

D : Exports all Dataflows

T : Exports all Idocs

F : Exports all user defined File formats

X : Exports all XML and DTD Message formats

S : Exports all Datastores

C : Exports all Custom functions

O : Export all COBOL Copybooks

p : Exports all System Profiles

-x : Export internal built-in function information

-f<Filename.atl> : Import information into the repository

-F<Datastore.Owner.Function> : Import function(s)

-H<filename> : Import a DTD or XML file to Repo

- I<Datastore.Owner.Table> : Import a single table
  - M<Datastore> : Import tables and functions
  - Y<Datastore.Owner.Treename> : Import a tree class
  - el<Datastore.Owner.DBLink> : Import a database link.
  - et<Datastore> : Print all imported database links for the current Datastore.
  - G<guid> : Execute a session specified by a GUID
  - s<Session> : Execute a session
  - p<Plan> : Execute a plan
  - GV<global var assign list> : A list of global variable assignments, separated by semicolons to the whole list in double-quotes.
  - a<ABAPProgram> : Generate ABAP code
  - V<name=value> : Set the environment variable <name> with <value>
  - L<list of value> : List of Object Labels from UI (separated by , or ; or space) to filter Use double quotes around list if space used as a separator.
  - Jf<XML file> : Filter the installation scenario defined in XML file
  - Je<XML file> : Execute the installation scenario defined in XML file
  - Ja<parameters file> : Filter and execute the installation scenario defined in XML file
  - b : Populate AL\_USAGE table
  - ep : Populate AL\_PARENT\_CHILD table
  - ec : Populate AL\_COLMAP and AL\_COLMAP\_TEXT tables
- Tree following options are for portable database targets (controlled release).
- WE : Delete properties of portable targets for datastore's database types other than default.
  - WP : Populate properties of all portable targets for all datastore's database types.
  - WD<datastore> : Datastore to which -WE and/or -WP is applied. If <datastore> was not specified, the option will apply to all portable targets.

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