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IM for Oracle Databases

Oracle Smart Discovery Integration for Azure Automation

Integrating with Oracle databases directly via PowerShell requires you to know upfront exactly what Database Name, Table Name and Columns you want to interact with before you can start configuring your Oracle commandlets.

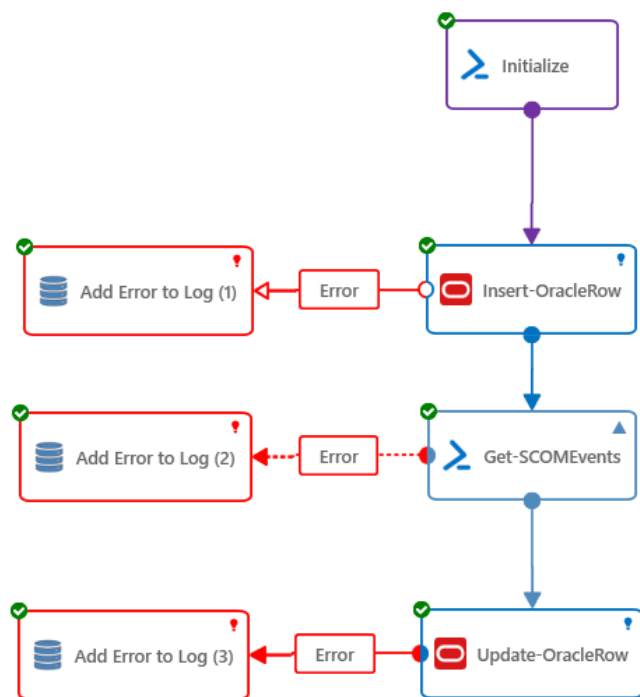
The Integration Module for Oracle provides a set of ready built activities for integrating with Oracle databases from within Azure Automation and the Kelverion Runbook Studio. These are forms driven activities which allow you to define interactions with an Oracle database without having to write any PowerShell code.

When the Integration Module is used from within the Runbook Studio you also get the benefit of the Smart Discovery. You create a Smart Connection to an Oracle Server and the IM will query the Server to find out all the Databases on that server it the connection has access to and presents you a list of database options. You then select a database and the IM will then return all the tables in that database. Select and table and the IM will automatically configure itself to show present every column within that table as a Parameter for the Oracle command.

This means you don't need to be an expert on the Oracle configuration before you can interact with the database because the IM will tell you how the system is configured and then you just configure the activity to achieve the database interaction you require.

For example if you want to Select Rows from a database you often what to limit the rows selected to those where the contents of a column equals a given value. In the IM activity for Select Rows there is a filter option and the IM immediately presents you with a list of the columns in the database to set your filter criteria against.

When done from within the Runbook Studio this is all achieved without writing any Oracle SQL scripts.



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The Key capabilities added to your Runbook Studio solution include:

- Automatically builds and executes the necessary Oracle commands without the user having to write or understand Oracle SQL
- Simplifies Runbook design by automatically mapping table columns to input properties, filters and published data items
- Prevents errors by controlling access to read-only fields, enforcing mandatory inputs and by providing value browsers for common data types.
- Smart Connections establish a reusable link between the Runbook Studio and a specific Oracle database. You can create as many Smart Connections as you require, specifying links to multiple databases. You can also create multiple Smart Connections to the same database to allow for differences in security privileges for different user accounts.

IM FOR ORACLE ACTIVITIES

Delete-OracleRow	Removes rows from a database table based on a filter criteria
Insert -OracleRow	Inserts rows into a database table
Invoke-OracleProcedure	Invokes a stored procedure and returns the results
Invoke-OracleCommand	Invoke a SQL Statement and returns the results as a sequence of comma separated values
Select-OracleRow	Returns rows from a database table and returns the results as a sequence of PSObjects.
Update-OracleRow	Changes data in one or more columns in a row or multiple rows within a table based on filter criteria

▼ Kelverion.IntegrationModule.Oracle

— Delete-OracleRow
— Insert-OracleRow
— Invoke-OracleCommand
— Invoke-OracleProcedure
— Select-OracleRow
— Update-OracleRow

For more information on the Kelverion Integration Module for Oracle please contact info@kelverion.com.

Kelverion are an established Independent Software Vendor specialising in IT Automation solutions. Kelverion provides software and specialist consultancy solutions for Microsoft Azure and the Microsoft System Center suite.

Find out more at <http://www.kelverion.com>



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