

DatabaseTable Connector

Status

Functionality	Stable
Support status	Supported
Support provided by	Evolveum
Origin	Identity Connector Framework (Sun), many improvements by Evolveum
Target systems	Generic database table (JDBC)

Description

Generic connector for simple database tables.

Protocol	Database-specific. Connector is using JDBC.
Framework	ConnId 1.4.x
Bundle name	com.evolveum.polygon.connector-databasetable
Connector name	org.identityconnectors.databasetable.DatabaseTableConnector
Additional requirements	Requires correct JDBC driver to be present on classpath

Capabilities and Features

Schema	YES	
Provisioning	YES	
Live Synchronization	YES	Using last modification timestamps
Password	YES	
Activation	SIMULATED	Configured capability
Scripting	NO	

History

This is almost entirely the original version from Sun ICF.

Versions

Version	Origin	Binary	Sources	Build Date	Framework version	Description
1.1.0. e6296	OpenICF trunk version, built and tested by Evolveum	download jar	OpenICF: trunk , revision 6296	Jan 2013		Well tested (now obsolete)
1.4.0.49	Evolveum	download jar	Evolveum OpenICF git repository (tag connector-databasetable-v1.4.0.49)	16 Jan 2015		Bundled with midPoint.
1.4.2.0	Evolveum	download jar	Evolveum OpenICF git repository (tag connector-databasetable-v1.4.2.0)	June 2016	1.4.2.0	Current version. Bundled with midPoint 3.4.

1.4.3.0	Evolveum	download jar	Evolveum OpenICF git repository (tag connector-databasetable-v1.4.3.0)	October 2018	1.4.2.0	Sync Order Column (contributed by Martin Lizner) Current version. Bundled with midPoint 3.9.
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Interoperability

This connector is supposed to work with all relational databases that follow the SQL standard and that provide a JDBC driver. The driver is **not** part of the connector distribution (except for PostgreSQL driver, which is distributed with midPoint). The deployer is responsible for using correct JDBC driver.

Support

Only standard SQL behavior is supported. This means standard SQL operations and standard database schemas. Non-standard database operations and vendor-specific behavior is not supported.

Problems originating in JDBC driver, problem that are caused by non-compliance to SQL standard or vendor-specific behavior are **not** covered by the support.

The [bundled support](#) does not include support for any specific database server. Support for specific database servers needs to be explicitly negotiated in the support contract.

Documentation

- [OpenICF DatabaseTable Connector Documentation](#)

Resource Examples

- [DatabaseTable](#)

Notes

DatabaseTable connector now assumes that UID is the same as NAME. See <https://jira.evolveum.com/browse/MID-1127>.

The following two configuration properties were reported to resolve problems with Oracle DATE attribute

```
<icfsdbt:nativeTimestamps>true</icfsdbt:nativeTimestamps>
<icfsdbt:allNative>true</icfsdbt:allNative>
```

In addition, the DATE column must be provisioned as string with correct formatting, e.g.: `return new Date().format("yyyy-MM-dd HH:mm:ss")`, otherwise "ORA-01861: literal does not match format string" occurs.