

Appendix A

Connection String Syntax

This Appendix provides information about the Connection Strings that link Datacap Taskmaster application components to its databases: Admin (adm), Engine (eng), Lookup (lookup), Fingerprint, Export (export), and in the case of legacy Rulemanager applications, to a Rules (rule) database.

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Introduction

Connection Strings link Datacap Taskmaster application components to its databases: Admin (adm), Engine (eng), Lookup (lookup), Fingerprint, Export (export), and in the case of legacy Rulemanager applications, to a Rules (rule) database.

The format of the Connection Strings differs according to the database and access method (or Provider) in use.

Connection Strings are used to link:

- A Datacap Studio (RRX) application to its Admin, Engine and Fingerprint databases.
- Taskmaster Client application to its application's Admin and Engine databases.
- Report Viewer application to its Admin and Engine databases.
- AutoDelete application to its Admin and Engine databases.
- Taskmaster Web applications to their Admin and Engine databases .
- OpenConnection action to a Lookup or Export database.
- A Lookup property in the application's Document Hierarchy file (.xml) to the Lookup database.
- A legacy application's Rulemanager, Rulerunner, and Verify (RRA) tasks to the application's Rules database.
- The Fingerprint Maintenance Tool to the Fingerprint database for an application.

Datacap Taskmaster supports eight database access methods:

- Microsoft Access via OLEDB*
- Microsoft Access via ODBC
- SQL SERVER via OLEDB using Windows Authentication*
- SQL SERVER via OLEDB using SQL Server Authentication
- SQL SERVER via ODBC using Windows Authentication
- SQL SERVER via ODBC use SQL Server Authentication
- Oracle via OLEDB*
- Oracle via ODBC

* Datacap recommends these access methods

Typographic Conventions

The typographic conventions used when illustrating Connection Strings in this appendix are as follows:

- Connection String examples contain line breaks for readability; except where noted, do **not** use line breaks in your application's Connection Strings, as each Connection String is a single line.
- Connection String examples contain underscore characters (“_”) to represent required blank spaces for readability; do **not** use underscores in your application's Connection Strings.

- Values such as “C:\Datacap,” “App NameAdm,” and “C:\Datacap\App Name\process” are illustrative. Be sure to replace these values with your application’s actual installation path, actual database name, and actual application folder name.
- Replace “UID” and “PWD” values with the appropriate user ID and password.

Locations of Connection Strings

You will find Connection Strings in these locations:

- **Program Shortcuts:** Right-click a shortcut icon and select Properties. The command to execute the program is followed by a Connection String in the shortcut’s Target field.
- **Apps.ini file:** The C:\Datacap\tmweb.net folder contains the apps.ini file which contains Connection Strings for every Taskmaster Web application.
- **Document Hierarchy setup DCO:** When you edit the Document Hierarchy in Datacap Studio, the FingerprintConn Batch Variable is a Connection String.
- **Rulemanager Setup (legacy Rulemanager RRA applications):** Click on the Setup button in the *Fingerprints & Zones* panel of the *Rulemanager Window*. Enter the Connection String in the **Rules Database** field of the *Rulemanager Setup* dialog.
- **Rulerunner and Verify Task Setup (legacy Rulemanager RRA applications):** During the setup of a *Rulerunner* task, enter the Connection String in the Rules database field on the Task Setup dialog.
- **Settings.ini file:** When the C:\Datacap\App Name\process folder contains a Settings.ini file, the [Database] section requires valid Connection Strings.

Microsoft Access Database

Access - OLE DB Provider

When you are using an OLE DB Provider with Access, you must use full UNC paths to the databases in the Connection Strings; the only time you can use a System DSN is when you are using the Microsoft OLE DB Provider for ODBC Drivers; but you must always use a full UNC path for the Fingerprint Maintenance Tool.

Taskmaster Component	Connection String	Notes
Taskmaster Client program shortcut	C:\Datacap\tmlclient\tmlclient.exe_ -ad"PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameAdm.mdb;CATALOG=;DBNTA=;"_ -ed"PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameEng.mdb;CATALOG=;DBNTA=;"	For Windows Authentication, add <code>_-nta</code> to end of string For Taskmaster Authentication, add <code>_-tma</code> During processing Taskmaster converts Provider "MSACCESS" to "Microsoft.Jet.OLEDB.4.0"
Report Viewer program shortcut	C:\Datacap\tmlclient\rptview.exe_ -i"C:\Datacap\App Name\process\rptview.ini"_ -ad"PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameAdm.mdb;CATALOG=;DBNTA=;"_ -ed"PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameEng.mdb;CATALOG=;DBNTA=;"	During processing Taskmaster converts Provider "MSACCESS" to "Microsoft.Jet.OLEDB.4.0"
AutoDelete program shortcut	C:\Datacap\tmlclient\tmlbatdel.exe_ -ad"PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameAdm.mdb;CATALOG=;DBNTA=;"_ -ed"PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameEng.mdb;CATALOG=;DBNTA=;"_ -iC:\Datacap\App Name\process\tmlbatdel.ini	During processing Taskmaster converts Provider "MSACCESS" to "Microsoft.Jet.OLEDB.4.0"
Fingerprint DB entry in Document Hierarchy setup DCO	<V_n="FingerprintConn">Provider=Microsoft.Jet.OLEDB.4.0;Data_Source=C:\Datacap\App Name\process\App NameFingerprint.mdb</V>	

Taskmaster Component	Connection String	Notes
Application with Fingerprint Maintenance Tool C:\Datacap\App Name\process folder contains Settings.INI file, [Database] section	FingerprintDatabase=Provider=Microsoft.Jet.OLEDB.4.0;Data_ Source=C:\Datacap\App Name\process\App NameFingerprint.mdb;Persist_ Security Info=False	
APT Test Vendor Lookup, Production Vendor Lookup databases when C:\Datacap\App Name\process folder contains Settings.INI file, [Database] section	TestVendorDSN=Provider=Microsoft.Jet.OLEDB.4.0;Data_ Source=C:\Datacap\APT\process\APTLook.mdb;Persist_ Security Info=False VendorDSN=Provider=Microsoft.Jet.OLEDB.4.0;Data_ Source=C:\Datacap\APT\process\APTLook.mdb;Persist_ Security Info=False	
Legacy Rulemanager Application, entry in task's BPP or ICP file pointing to Rules database	PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameRule.mdb;CATALOG=;DBNTA=;	
Legacy Rulemanager Application, entry in Rulemanager Setup pointing to Rules database	PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameRule.mdb;CATALOG=;DBNTA=;	
Legacy Rulemanager Application, entry in Rulerunner Setup pointing to Rules database	PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameRule.mdb;CATALOG=;DBNTA=;	

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Taskmaster Component	Connection String	Notes
Legacy Rulemanager Application, entry in Verify Setup pointing to Rules database	PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameRule.mdb;CATALOG=;DBNTA=;	
C:\Datacap\tmweb.net\apps.INI file, each [App Name] section	AdmDSN=PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameAdm.mdb;CATALOG=;DBNTA=; EngDSN=PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameEng.mdb;CATALOG=;DBNTA=; RptDSN=PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\Rptview.mdb;CATALOG=;DBNTA=;	Connection String to each database is on its own line.
Open Connection Action	OpenConnection(PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameLook.mdb;CATALOG=;DBNTA=;)	
Tags - Setup DCO	<SQL_dsn="PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameLook.mdb;CATALOG=;DBNTA=";>	
ENU (ENU.ini file)	AdminDSN=PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameAdm.mdb;CATALOG=;DBNTA=; EngDSN=PROVIDER=MSACCESS;DSN=C:\Datacap\App Name\process\App NameEng.mdb;CATALOG=;DBNTA=; RuleDSN=ENUProd	Connection String to each database is on its own line. Connection to Rules database must be configured using a DSN, not a connection string.

Access - ODBC Provider

When using an ODBC Provider you must set up these System DSNs:

- On the Server running Taskmaster Server Service, you must set up System DSNs for the Admin and Engine Databases
- On the Workstations/Servers running Taskmaster Client (running rules, running Verify tasks), Fingerprint Service, Taskmaster Client Service, Taskmaster Web, etc., you must set up System DSNs to the Lookup, Fingerprint, Report Viewer, and other databases referenced by the application.

And, you must use the System DSN in the Connection String.

Taskmaster Component	Connection String	Notes
Taskmaster Client program shortcut	C:\Datacap\tmlclient\tmlclient.exe_ -ad"PROVIDER=ODBCMSACCESS;DSN=AdmDSNname;CATALOG=; DBNTA=;"_ -ed"PROVIDER=ODBCMSACCESS;DSN=EngDSNname;CATALOG=; DBNTA=;"	For Windows Authentication, add _-nta to end of string For Taskmaster Authentication, add _-tma
Report Viewer program shortcut	C:\Datacap\tmlclient\rptview.exe_ -i"C:\Datacap\App Name\process\rptview.ini"_ -ad"PROVIDER=ODBCMSACCESS;DSN=AdmDSNname;CATALOG=; DBNTA=;"_ -ed"PROVIDER=ODBCMSACCESS;DSN=EngDSNname;CATALOG=; DBNTA=;"	
AutoDelete program shortcut	C:\Datacap\tmlclient\ tmbatdel.exe_ -ad"PROVIDER=ODBCMSACCESS;DSN=AdmDSNname;CATALOG=; DBNTA=;"_ -ed"PROVIDER=ODBCMSACCESS;DSN=EngDSNname;CATALOG=; DBNTA=;"_ -iC:\Datacap\App Name\process\tmbatdel.ini	
Fingerprint DB entry in Document Hierarchy setup DCO	<V_n="FingerprintConn">Provider=Microsoft.Jet.OLEDB.4.0;Data_ Source=C:\Datacap\App Name\process\App NameFingerprint.mdb</V>	You must use OLEDB for connecting to the Fingerprint database

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Taskmaster Component	Connection String	Notes
Application with Fingerprint Maintenance Tool C:\Datacap\App Name\process folder contains Settings.INI file, [Database] section	FingerprintDatabase=Provider=Microsoft.Jet.OLEDB.4.0;Data_ Source=C:\Datacap\App Name\process\App Name\Fingerprint.mdb;Persist_ Security Info=False	You must use OLEDB for connecting to the Fingerprint database
APT Test Vendor Lookup, Production Vendor Lookup databases when C:\Datacap\APT\process folder contains Settings.INI file, [Database] section	TestVendorDSN=Provider=Microsoft.Jet.OLEDB.4.0;Data_ Source=C:\Datacap\APT\process\APTLook.mdb;Persist_ Security Info=False VendorDSN=Provider=Microsoft.Jet.OLEDB.4.0;Data_ Source=C:\Datacap\APT\process\APTLook.mdb;Persist_ Security Info=False	You must use OLEDB for connecting to the Fingerprint database
Legacy Rulemanager Application, entry in task's BPP or ICP file pointing to Rules database	PROVIDER=ODBCMSACCESS;DSN=RuleDSNname;CATALOG=;DBNTA=;	
Legacy Rulemanager Application, entry in Rulemanager Setup pointing to Rules database	PROVIDER=ODBCMSACCESS;DSN=RuleDSNname;CATALOG=;DBNTA=;	
Legacy Rulemanager Application, entry in Rulerunner Setup pointing to Rules database	PROVIDER=ODBCMSACCESS;DSN=RuleDSNname;CATALOG=;DBNTA=;	

Taskmaster Component	Connection String	Notes
Legacy Rulemanager Application, entry in Verify Setup pointing to Rules database	PROVIDER=ODBCMSACCESS;DSN=RuleDSNname;CATALOG=;DBNTA=;	
C:\Datacap\tmweb.net\apps.INI file, each [App Name] section	AdmDSN=PROVIDER=ODBCMSACCESS;DSN=AdmDSNname; CATALOG=;DBNTA=; EngDSN=PROVIDER=ODBCMSACCESS;DSN=EngDSNname; CATALOG=;DBNTA=; RptDSN=PROVIDER=ODBCMSACCESS;DSN=RptDSNname; CATALOG=;DBNTA=;	Connection String to each database is on its own line.
Open Connection Action	OpenConnection(PROVIDER=ODBCMSACCESS;DSN=LookDSNname; CATALOG=;DBNTA=;)	
Tags - Setup DCO	<SQL_dsn="PROVIDER=ODBCMSACCESS;DSN=LookDSNname; CATALOG=;DBNTA=;">	
ENU (ENU.ini file)	AdminDSN=PROVIDER=ODBCMSACCESS;DSN=AdmDSNname; CATALOG=;DBNTA=; EngDSN=PROVIDER=ODBCMSACCESS;DSN=EngDSNname; CATALOG=;DBNTA=; RuleDSN=ENUProd	Connection String to each database is on its own line. Connection to Rules database must be configured using a DSN, not a connection string.

SQL Server Database

SQL Server- OLE DB Provider - Windows Authentication / Trusted Connection

Taskmaster Component	Connection String	Notes
Taskmaster Client program shortcut	C:\Datacap\tmlclient\tmlclient.exe_ -ad"PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameAdm; DBNTA=yes"_ -ed"PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameEng; DBNTA=yes"	For Windows Authentication, add <code>_-nta</code> to end of string For Taskmaster Authentication, add <code>_-tma</code> During processing Taskmaster converts Provider "MSSQL" to "SQLOLEDB", and also converts "CATALOG=" to "Database=" and "DBNTA=yes" to "Integrated Security=sspi"
Report Viewer program shortcut	C:\Datacap\tmlclient\rptview.exe_ -i"C:\Datacap\App Name\process\rptview.ini"_ -ad"PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameAdm; DBNTA=yes"_ -ed"PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameEng; DBNTA=yes"	During processing Taskmaster converts Provider "MSSQL" to "SQLOLEDB", and also converts "CATALOG=" to "Database=" and "DBNTA=yes" to "Integrated Security=sspi"
AutoDelete program shortcut	C:\Datacap\tmlclient\tmlbatdel.exe_ -ad"PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameAdm; DBNTA=yes"_ -ed"PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameEng; DBNTA=yes"_ -iC:\Datacap\App Name\process\tmlbatdel.ini	During processing Taskmaster converts Provider "MSSQL" to "SQLOLEDB", and also converts "CATALOG=" to "Database=" and "DBNTA=yes" to "Integrated Security=sspi"
Fingerprint DB entry in Document Hierarchy setup DCO	<V_n="FingerprintConn">Provider=SQLOLEDB.1;Integrated_Security=SSPI;Persist_Security_Info=False;Initial_Catalog=App NameFingerprint;Data_Source=ServerName</V>	

Taskmaster Component	Connection String	Notes
Application with Fingerprint Maintenance Tool C:\Datacap\App Name\process folder contains Settings.INI file, [Database] section	FingerprintDatabase=Provider=SQLOLEDB.1;Integrated_Security=SSPI;Persist_Security_Info=False;Initial_Catalog=App NameFingerprint;Data_Source=ServerName	
APT Test Vendor Lookup, Production Vendor Lookup databases when C:\Datacap\APT\process folder contains Settings.INI file, [Database] section	TestVendorDSN=Provider=SQLOLEDB.1;Integrated_Security=SSPI;Persist_Security_Info=False;Initial_Catalog=App NameLook;Data_Source=ServerName VendorDSN=Provider=SQLOLEDB.1;Integrated_Security=SSPI;Persist_Security_Info=False;Initial_Catalog=App NameLook;Data_Source=ServerName	
Legacy Rulemanager Application, entry in task's BPP or ICP file pointing to Rules database	PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameRule;DBNTA=yes	
Legacy Rulemanager Application, entry in Rulemanager Setup pointing to Rules database	PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameRule;DBNTA=yes	
Legacy Rulemanager Application, entry in Rulerunner Setup pointing to Rules database	PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameRule;DBNTA=yes;	

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Taskmaster Component	Connection String	Notes
Legacy Rulemanager Application, entry in Verify Setup pointing to Rules database	PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameRule;DBNTA=yes	
C:\Datacap\tmweb.net\apps.INI file, each [App Name] section	AdmDSN=PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameAdm; DBNTA=yes EngDSN=PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameEng; DBNTA=yes	Connection String to each database is on its own line.
Open Connection Action	OpenConnection(PROVIDER=MSSQL;DSN=ServerName; CATALOG=App NameLook;DBNTA=yes)	
Tags - Setup DCO	<SQL_dsn="PROVIDER=MSSQL;DSN=ServerName; CATALOG=App NameLook;DBNTA=yes">	
ENU (ENU.ini file)	AdminDSN=PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameAdm; DBNTA=yes EngDSN=PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameEng; DBNTA=yes RuleDSN=ENUProd	Connection String to each database is on its own line. Connection to Rules database must be configured using a DSN, not a connection string.

SQL Server- OLE DB Provider - SQL Server Authentication

Taskmaster Component	Connection String	Notes
Taskmaster Client program shortcut	C:\Datacap\tmlclient\tmlclient.exe_ -ad"PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameAdm; DBNTA=;UID=Admin;PWD=Admin;"_ -ed"PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameEng; DBNTA=;UID=Admin;PWD=Admin;"	For Windows Authentication, add <code>_-nta</code> to end of string For Taskmaster Authentication, add <code>_-tma</code>
Report Viewer program shortcut	C:\Datacap\tmlclient\rptview.exe_ -i"C:\Datacap\App Name\process\rptview.ini" -ad"PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameAdm; DBNTA=;UID=Admin;PWD=Admin;"_ -ed"PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameEng; DBNTA=;UID=Admin;PWD=Admin;"	
AutoDelete program shortcut	C:\Datacap\tmlclient\tmbatdel.exe_ -ad"PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameAdm; DBNTA=;UID=Admin;PWD=Admin;"_ -ed"PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameEng; DBNTA=;UID=Admin;PWD=Admin;"_ -iC:\Datacap\App Name\process\tmbatdel.ini	
Fingerprint DB entry in Document Hierarchy setup DCO	<V_n="FingerprintConn">Provider=SQLOLEDB.1;Persist_Security_Info=True; User_ID=Admin;Password=Admin;Initial_Catalog=App NameFingerprint; Data_Source=ServerName</V>	
Application with Fingerprint Maintenance Tool C:\Datacap\App Name\process folder contains Settings.INI file, [Database] section	FingerprintDatabase=Provider=SQLOLEDB.1;Persist_Security_Info=True; User_ID=Admin;Password=Admin;Initial_Catalog=App NameFingerprint; Data_Source=ServerName	

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Taskmaster Component	Connection String	Notes
APT Test Vendor Lookup, Production Vendor Lookup databases when C:\Datacap\APT\process folder contains Settings.INI file, [Database] section	TestVendorDSN=Provider=SQLOLEDB.1;Persist_Security_Info=True;User_ID=Admin;Password=Admin;Initial_Catalog=App NameLook;Data_Source=ServerName VendorDSN=Provider=SQLOLEDB.1;Persist_Security_Info=True;User_ID=Admin;Password=Admin;Initial_Catalog=App NameLook;Data_Source=ServerName	
Legacy Rulemanager Application, entry in task's BPP or ICP file pointing to Rules database	PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameRule;DBNTA=;UID=Admin;PWD=Admin;	
Legacy Rulemanager Application, entry in Rulemanager Setup pointing to Rules database	PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameRule;DBNTA=;UID=Admin;PWD=Admin;	
Legacy Rulemanager Application, entry in Rulerunner Setup pointing to Rules database	PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameRule;DBNTA=;UID=Admin;PWD=Admin;	
Legacy Rulemanager Application, entry in Verify Setup pointing to Rules database	PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameRule;DBNTA=;UID=Admin;PWD=Admin;	
C:\Datacap\tmweb.net\apps.INI file, each [App Name] section	AdmDSN=PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameAdm;DBNTA=;UID=Admin;PWD=Admin; EngDSN=PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameEng;DBNTA=;UID=Admin;PWD=Admin;	Connection String to each database is on its own line.
Open Connection Action	OpenConnection(PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameLook;DBNTA=;UID=Admin;PWD=Admin;)	

Taskmaster Component	Connection String	Notes
Tags - Setup DCO	<SQL_dsn="PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameLook;DBNTA=;UID=Admin;PWD=Admin;">	
ENU (ENU.ini file)	AdminDSN=PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameAdm; DBNTA=;UID=Admin;PWD=Admin; EngDSN=PROVIDER=MSSQL;DSN=ServerName;CATALOG=App NameEng; DBNTA=;UID=Admin;PWD=Admin; RuleDSN=ENUProd	Connection String to each database is on its own line. Connection to Rules database must be configured using a DSN, not a connection string.

SQL Server- ODBC Provider - Windows Authentication

When using an ODBC Provider:

- On the Server running Taskmaster Server Service, you must set up System DSNs for the Admin and Engine Databases
- On the Workstations/Servers running Taskmaster Client (running rules, running Verify tasks), Fingerprint Service, Taskmaster Client Service, Taskmaster Web, etc., you must set up System DSNs to the Lookup, Fingerprint, Report Viewer, and other databases referenced by the application.

When using an ODBC Provider, you must use the System DSN in the Connection String.

Taskmaster Component	Connection String	Notes
Taskmaster Client program shortcut	C:\Datacap\tmlclient\tmlclient.exe_ -ad"PROVIDER=ODBCMSSQL;DSN=AdmDSNname;CATALOG=;DBNTA=;"_ -ed"PROVIDER=ODBCMSSQL;DSN=EngDSNname;CATALOG=;DBNTA=;"	For Windows Authentication, add _-nta to end of string For Taskmaster Authentication, add _-tma
Report Viewer program shortcut	C:\Datacap\tmlclient\rptview.exe_ -i"C:\Datacap\App Name\process\rptview.ini"_ -ad"PROVIDER=ODBCMSSQL;DSN=AdmDSNname;CATALOG=;DBNTA=;"_ -ed"PROVIDER=ODBCMSSQL;DSN=EngDSNname;CATALOG=;DBNTA=;"	
AutoDelete program shortcut	C:\Datacap\tmlclient\tmbatdel.exe_ -ad"PROVIDER=ODBCMSSQL;DSN=AdmDSNname;CATALOG=;DBNTA=;"_ -ed"PROVIDER=ODBCMSSQL;DSN=EngDSNname;CATALOG=;DBNTA=;"_ -iC:\Datacap\App Name\process\tmbatdel.ini	
Fingerprint DB entry in Document Hierarchy setup DCO	<V_n="FingerprintConn">Provider=MSDASQL.1;Data_Source=ServerName;_User_ID=App NameFingerprint;Password=App NameFingerprint;Persist_Security_Info=True;</V>	
Application with Fingerprint Maintenance Tool C:\Datacap\App Name\process folder contains Settings.INI file, [Database] section	FingerprintDatabase=Provider=SQLOLEDB.1;Integrated_Security=SSPI;Persist_Security_Info=False;Initial_Catalog=App NameFingerprint;Data_Source=ServerName	Use OLE DB for Fingerprint Maintenance Tool

Taskmaster Component	Connection String	Notes
APT Test Vendor Lookup, Production Vendor Lookup databases when C:\Datacap\APT\process folder contains Settings.INI file, [Database] section	TestVendorDSN=Provider=MSDASQL.1;Persist_Security_Info=False; Data_Source=App NameLook VendorDSN=Provider=MSDASQL.1;Persist_Security_Info=False; Data_Source=App NameLook	
Legacy Rulemanager Application, entry in task's BPP or ICP file pointing to Rules database	PROVIDER=ODBCMSSQL;DSN=App NameRule;CATALOG=;DBNTA=;	
Legacy Rulemanager Application, entry in Rulemanager Setup pointing to Rules database	PROVIDER=ODBCMSSQL;DSN=App NameRule;CATALOG=;DBNTA=;	
Legacy Rulemanager Application, entry in Rulerunner Setup pointing to Rules database	PROVIDER=ODBCMSSQL;DSN=App NameRule;CATALOG=;DBNTA=;	
Legacy Rulemanager Application, entry in Verify Setup pointing to Rules database	PROVIDER=ODBCMSSQL;DSN=App NameRule;CATALOG=;DBNTA=;	
C:\Datacap\tmweb.net\apps.INI file, each [App Name] section	AdmDSN=PROVIDER=ODBCMSSQL;DSN=App NameAdm;CATALOG=; DBNTA=; EngDSN=PROVIDER=ODBCMSSQL;DSN=App NameEng;CATALOG=; DBNTA=;	Connection String to each database is on its own line.
Open Connection Action	OpenConnection(PROVIDER=ODBCMSSQL;DSN=App NameLook;CATALOG=; DBNTA=;)	

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Taskmaster Component	Connection String	Notes
Tags - Setup DCO	<SQL_dsn="PROVIDER=ODBCMSSQL;DSN=App NameLook;CATALOG=; DBNTA=";>	
ENU (ENU.ini file)	AdminDSN=PROVIDER=ODBCMSSQL;DSN=App NameAdm;CATALOG=; DBNTA=; EngDSN=PROVIDER=ODBCMSSQL;DSN=App NameEng;CATALOG=; DBNTA=; RuleDSN=ENUProd	Connection String to each database is on its own line. Connection to Rules database must be configured using a DSN, not a connection string.

SQL Server- ODBC Provider - SQL Server Authentication

When using an ODBC Provider:

- On the Server running Taskmaster Server Service, you must set up System DSNs for the Admin and Engine Databases
- On the Workstations/Servers running Taskmaster Client (running rules, running Verify tasks), Fingerprint Service, Taskmaster Client Service, Taskmaster Web, etc., you must set up System DSNs to the Lookup, Fingerprint, Report Viewer, and other databases referenced by the application.

When using an ODBC Provider, you must use the System DSN in the Connection String.

Taskmaster Component	Connection String	Notes
Taskmaster Client program shortcut	C:\Datacap\tmlclient\tmlclient.exe_ -ad"PROVIDER=ODBCMSSQL;DSN=AdmDSNname;CATALOG=;DBNTA=; UID=Admin;PWD=Admin;"_ -ed"PROVIDER=ODBCMSSQL;DSN=EngDSNname;CATALOG=;DBNTA=; UID=Admin;PWD=Admin;"	For Windows Authentication, add _-nta to end of string For Taskmaster Authentication, add _-tma
Report Viewer program shortcut	C:\Datacap\tmlclient\rptview.exe_ -i"C:\Datacap\App Name\process\rptview.ini"_ -ad"PROVIDER=ODBCMSSQL;DSN=AdmDSNname;CATALOG=;DBNTA=; UID=Admin;PWD=Admin;"_ -ed"PROVIDER=ODBCMSSQL;DSN=EngDSNname;CATALOG=;DBNTA=; UID=Admin;PWD=Admin;"	
AutoDelete program shortcut	C:\Datacap\tmlclient\tmlbatdel.exe_ -ad"PROVIDER=ODBCMSSQL;DSN=AdmDSNname;CATALOG=;DBNTA=; UID=Admin;PWD=Admin;"_ -ed"PROVIDER=ODBCMSSQL;DSN=EngDSNname;CATALOG=;DBNTA=; UID=Admin;PWD=Admin;"_ -iC:\Datacap\App Name\process\tmlbatdel.ini	
Fingerprint DB entry in Document Hierarchy setup DCO	<V_n="FingerprintConn">Provider=MSDASQL.1;Persist_Security_Info=True;_User_ID=Admin;Password=Admin;Data_Source=ServerName;</V>	

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Taskmaster Component	Connection String	Notes
Application with Fingerprint Maintenance Tool C:\Datacap\App Name\process folder contains Settings.INI file, [Database] section	Does not accept ODBC providers, use OLE DB instead.	Use OLE DB for Fingerprint Maintenance Tool
Legacy Rulemanager Application, entry in task's BPP or ICP file pointing to Rules database	PROVIDER=ODBCMSSQL;DSN=App NameRule;CATALOG=;DBNTA=;UID=Admin;PWD=Admin;	
Legacy Rulemanager Application, entry in Rulemanager Setup pointing to Rules database	PROVIDER=ODBCMSSQL;DSN=App NameRule;CATALOG=;DBNTA=;UID=Admin;PWD=Admin;	
Legacy Rulemanager Application, entry in Rulerunner Setup pointing to Rules database	PROVIDER=ODBCMSSQL;DSN=App NameRule;CATALOG=;DBNTA=;UID=Admin;PWD=Admin;	
Legacy Rulemanager Application, entry in Verify Setup pointing to Rules database	PROVIDER=ODBCMSSQL;DSN=App NameRule;CATALOG=;DBNTA=;UID=Admin;PWD=Admin;	
C:\Datacap\tmweb.net\apps.INI file, each [App Name] section	AdmDSN=PROVIDER=ODBCMSSQL;DSN=App NameAdm;CATALOG=;DBNTA=;UID=Admin;PWD=Admin; EngDSN=PROVIDER=ODBCMSSQL;DSN=App NameEng;CATALOG=;DBNTA=;UID=Admin;PWD=Admin;	Connection String to each database is on its own line.
Open Connection Action	OpenConnection(PROVIDER=ODBCMSSQL;DSN=App NameLook;CATALOG=;DBNTA=;UID=Admin;PWD=Admin;)	

Taskmaster Component	Connection String	Notes
Tags - Setup DCO	<SQL_dsn="PROVIDER=ODBCMSSQL;DSN=App NameLook;CATALOG=;DBNTA=;UID=Admin;PWD=Admin;">	
ENU (ENU.ini file)	AdmDSN=PROVIDER=ODBCMSSQL;DSN=App NameAdm;CATALOG=; DBNTA=;UID=Admin;PWD=Admin; EngDSN=PROVIDER=ODBCMSSQL;DSN=App NameEng; CATALOG=;DBNTA=;UID=Admin;PWD=Admin; RuleDSN=ENUProd	Connection String to each database is on its own line. Connection to Rules database must be configured using a DSN, not a connection string.

Oracle Database

Oracle - OLE DB Provider

When you are using an OLE DB Provider, you must use full UNC paths to the databases in the Connection Strings; the only time you can use a System DSN is when you are using the Microsoft OLE DB Provider for ODBC Drivers; but you must always use a full UNC path for the Fingerprint Maintenance Tool.

Note: "OraOLEDB.Oracle" is Oracle Corp.'s provider, while "MSDAORA" is Microsoft's Oracle provider

Taskmaster Component	Connection String	Notes
Taskmaster Client program shortcut	C:\Datacap\tmlclient\tmlclient.exe_ -ad"PROVIDER=ORACLE;DSN=NetServiceNameAdm;CATALOG=;DBNTA=; UID=NetServiceNameAdm;PWD=NetServiceNameAdm;"_ -ed"PROVIDER=ORACLE;DSN=NetServiceNameEng;CATALOG=;DBNTA=; UID=NetServiceNameEng;PWD=NetServiceNameEng;"	For Windows Authentication, add _-nta to end of string For Taskmaster Authentication, add _-tma During processing Taskmaster converts Provider "ORACLE" to "OraOLEDB.Oracle"
Report Viewer program shortcut	C:\Datacap\tmlclient\rptview.exe_ -i"C:\Datacap\App Name\process\rptview.ini"_ -ad"PROVIDER=ORACLE;DSN=NetServiceNameAdm;CATALOG=; DBNTA=;UID=NetServiceNameAdm;PWD=NetServiceNameAdm;"_ -ed"PROVIDER=ORACLE;DSN=NetServiceNameEng;CATALOG=; DBNTA=;UID=NetServiceNameEng;PWD=NetServiceNameEng;"	During processing Taskmaster converts Provider "ORACLE" to "OraOLEDB.Oracle"
AutoDelete program shortcut	C:\Datacap\tmlclient\tmlbatdel.exe_ -ad"PROVIDER=ORACLE;DSN=NetServiceNameAdm;CATALOG=; DBNTA=;UID=NetServiceNameAdm;PWD=NetServiceNameAdm;"_ -ed"PROVIDER=ORACLE;DSN=NetServiceNameEng;CATALOG=; DBNTA=;UID=NetServiceNameEng;PWD=NetServiceNameEng;"_ -iC:\Datacap\App Name\process\tmlbatdel.ini	During processing Taskmaster converts Provider "ORACLE" to "OraOLEDB.Oracle"

Taskmaster Component	Connection String	Notes
Fingerprint DB entry in Document Hierarchy setup xml	<p>The following Microsoft OLEDB connector for ODBC with an Oracle DSN Connection String functions correctly in Fingerprint actions, but when you open the application in Datacap Studio, produces a warning and you cannot view, add, or delete fingerprints:</p> <pre><V_n="FingerprintConn">Provider=MSDASQL.1;Data_Source=DSNnameFingerprint;User_ID=FingerprintUID;Password=FingerprintPassword;Persist_Security_Info=True;</V></pre> <p>If you must work with fingerprints in Datacap Studio, change the Connection Strings before you open Datacap Studio and change them back before running applications with Fingerprint actions:</p> <pre><V_n="FingerprintConn">Provider=msdaora;Data_Source=NetServiceNameFingerprint;User_ID=FingerprintUID;Password=FingerprintPassword;Persist_Security_Info=True;</V></pre> <pre><V_n="FingerprintConn"> Provider=OraOleDB.Oracle;Data_Source=NetServiceNameFingerprint;User_ID=FingerprintUID;Password=FingerprintPassword;</V></pre>	
Fingerprint Maint Tool when C:\Datacap\App Name\process folder contains Settings.INI file, [Database] section	<p>Using Microsoft Oracle OLEDB provider:</p> <pre>FingerprintDatabase=Provider=msdaora;Data_Source=NetServiceName;_User_ID=FingerprintUID;Password=FingerprintPassword;</pre> <p>Using Oracle OLEDB provider:</p> <pre>FingerprintDatabase=Provider=OraOleDB.Oracle;Data_Source=NetServiceName;_User_ID=FingerprintUID;Password=FingerprintPassword;</pre>	
Legacy Rulemanager Application, entry in task's BPP or ICP file pointing to Rules database	<pre>PROVIDER=OraOleDB.Oracle.1;DSN=RulesNetServiceName;_UID=NetServiceNameRule;PWD=NetServiceNameRule;</pre>	check this one
Legacy Rulemanager Application, entry in Rulemanager Setup pointing to Rules database	<pre>PROVIDER=OraOleDB.Oracle.1;DSN=RulesNetServiceName;_UID=NetServiceNameRule;PWD=NetServiceNameRule;</pre>	check this one

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Taskmaster Component	Connection String	Notes
Legacy Rulemanager Application, entry in Rulerunner Setup pointing to Rules database	PROVIDER=OraOleDB.Oracle.1;DSN=RulesNetServiceName;_UID=NetServiceNameRule;PWD=NetServiceNameRule;	check this one
Legacy Rulemanager Application, entry in Verify Setup pointing to Rules database	PROVIDER=OraOleDB.Oracle.1;DSN=RulesNetServiceName;_UID=NetServiceNameRule;PWD=NetServiceNameRule;	check this one
C:\Datacap\tmweb.net\apps.INI file, each [App Name] section	AdmDSN=PROVIDER=ORACLE;DSN=AdmNetServiceName;CATALOG=;DBNTA=;UID=Admin;PWD=Admin; EngDSN=PROVIDER=ORACLE;DSN=EngNetServiceName;CATALOG=;DBNTA=;UID=Admin;PWD=Admin; DateTimeSeparator=# Oracle=1	Connection String to each database is on its own line, additional related settings are each on own line.
Open Connection Action	OpenConnection(PROVIDER= OraOleDB.Oracle.1;DSN=NetServiceNameLookup;_UID=UserID;PWD=Password;)	
Tags - Setup DCO	<SQL_dsn="OraOleDB.Oracle.1;DSN=NetServiceNameLookup;_UID=UserID;PWD=Password;">	
ENU (ENU.ini file)	AdmDSN=PROVIDER=ORACLE;DSN=NetServiceNameAdm;_UID=Admin;PWD=Admin; EngDSN=PROVIDER=ORACLE;DSN=NetServiceNameEng;_UID=Admin;PWD=Admin; RuleDSN= ENUProd	Connection String to each database is on its own line. Connection to Rules database must be configured using a DSN, not a connection string.

Oracle - ODBC Provider

When using an ODBC Provider:

- On the Server running Taskmaster Server Service, you must set up System DSNs for the Admin and Engine Databases
- On the Workstations/Servers running Taskmaster Client (running rules, running Verify tasks), Fingerprint Service, Taskmaster Client Service, Taskmaster Web, etc., you must set up System DSNs to the Lookup, Fingerprint, Report Viewer, and other databases referenced by the application.

When using an ODBC Provider, you must use the System DSN in the Connection String.

Taskmaster Component	Connection String	Notes
Taskmaster Client program shortcut	C:\Datacap\tmlclient\tmlclient.exe_ -ad"PROVIDER=ODBCORACLE;DSN=App NameAdm;CATALOG=;DBNTA=; UID=Admin;PWD=Admin;"_ -ed"PROVIDER=ODBCORACLE;DSN=App NameEng;CATALOG=;DBNTA=; UID=Admin;PWD=Admin;"	For Windows Authentication, add _-nta to end of string For Taskmaster Authentication, add _-tma
Report Viewer program shortcut	PROVIDER=ODBCORACLE;DSN=App NameAdm;CATALOG=;DBNTA=; UID=Admin;PWD=Admin; C:\Datacap\tmlclient\rptview.exe_ -i"C:\Datacap\App Name\process\rptview.ini"_ -ad"PROVIDER=ODBCORACLE;DSN=App NameAdm;CATALOG=;DBNTA=; UID=Admin;PWD=Admin;"_ -ed"PROVIDER=ODBCORACLE;DSN=App NameEng;CATALOG=;DBNTA=; UID=Admin;PWD=Admin;"	
AutoDelete program shortcut	PROVIDER=ODBCORACLE;DSN=App NameAdm;CATALOG=;DBNTA=; UID=Admin;PWD=Admin; C:\Datacap\tmlclient\tmlbatdel.exe_ -ad"PROVIDER=ODBCORACLE;DSN=App NameAdm;CATALOG=;DBNTA=; UID=Admin;PWD=Admin;"_ -ed"PROVIDER=ODBCORACLE;DSN=App NameEng;CATALOG=;DBNTA=; UID=Admin;PWD=Admin"_ -iC:\Datacap\App Name\process\tmlbatdel.ini	

Taskmaster Component	Connection String	Notes
Fingerprint DB entry in Document Hierarchy setup xml	<p>The following Microsoft OLEDB connector for ODBC with an Oracle DSN Connection String functions correctly in Fingerprint actions, but when you open the application in Datacap Studio, produces a warning and you cannot view, add, or delete fingerprints:</p> <pre><V_n="FingerprintConn">Provider=MSDASQL.1;Data_Source=DSNnameFingerprint;User_ID=FingerprintUID;Password=FingerprintPassword;Persist_Security_Info=True;</V></pre> <p>If you must work with fingerprints in Datacap Studio, change the Connection Strings before you open Datacap Studio and change them back before running applications with Fingerprint actions:</p> <pre><V_n="FingerprintConn">Provider=msdaora;Data_Source=NetServiceNameFingerprint;User_ID=FingerprintUID;Password=FingerprintPassword;Persist_Security_Info=True; </V></pre> <pre><V_n="FingerprintConn">Provider=OraOleDB.Oracle;Data_Source=NetServiceNameFingerprint;User_ID=FingerprintUID;Password=FingerprintPassword;</V></pre>	
Fingerprint Maint Tool when C:\Datacap\App Name\process folder contains Settings.INI file, [Database] section	Does not work with ODBC, use OLEDB.	
Legacy Rulemanager Application, entry in task's BPP or ICP file pointing to Rules database	PROVIDER=ODBCORACLE;DSN=App NameRule;CATALOG=;DBNTA=;UID=Admin;PWD=Admin;	
Legacy Rulemanager Application, entry in Rulemanager Setup pointing to Rules database	PROVIDER=ODBCORACLE;DSN=App NameRule;CATALOG=;DBNTA=;UID=Admin;PWD=Admin;	

Taskmaster Component	Connection String	Notes
Legacy Rulemanager Application, entry in Rulerunner Setup pointing to Rules database	PROVIDER=ODBCORACLE;DSN=App NameRule;CATALOG=; DBNTA=;UID=Admin;PWD=Admin;	
Legacy Rulemanager Application, entry in Verify Setup pointing to Rules database	PROVIDER=ODBCORACLE;DSN=App NameRule;CATALOG=; DBNTA=;UID=Admin;PWD=Admin;	
C:\Datacap\tmweb.net\apps.INI file, each [App Name] section	AdmDSN=PROVIDER=ODBCORACLE;DSN=App NameAdm;CATALOG=; DBNTA=;UID=Admin;PWD=Admin; EngDSN=PROVIDER=ODBCORACLE;DSN=App NameEng;CATALOG=; DBNTA=;UID=Admin;PWD=Admin;	Connection String to each database is on its own line.
Open Connection Action	OpenConnection(PROVIDER=ODBCORACLE;DSN=App NameLook;CATALOG=; DBNTA=;UID=Admin;PWD=Admin;)	
Tags - Setup DCO	<SQL_dsn="PROVIDER=ODBCORACLE;DSN=App NameLook;CATALOG=; DBNTA=;UID=Admin;PWD=Admin;">	
ENU (ENU.ini file)	AdmDSN=PROVIDER=ODBCORACLE;DSN=App NameAdm;CATALOG=; DBNTA=;UID=Admin;PWD=Admin; EngDSN=PROVIDER=ODBCORACLE;DSN=App NameEng;CATALOG=; DBNTA=;UID=Admin;PWD=Admin; RuleDSN=ENUProd	Connection String to each database is on its own line. Connection to Rules database must be configured using a DSN, not a connection string.

