# Oracle® Enterprise Data Quality

Capscan Matchcode Integration Guide

Release 11g R1 (11.1.1.7)

**E40052-02**

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Oracle Enterprise Data Quality (EDQ) includes a connector to the Capscan Matchcode API from GB Group. This API provides address verification and cleansing features. This document describes how to install the Capscan Matchcode libraries for integration with the EDQ connector, and is intended for system administrators responsible for installing and maintaining EDQ applications.

## 1 Prerequisites

You must have the Capscan Matchcode software installed on a system that is accessible to the EDQ Application Server.

## 2 Integrating the Capscan Matchcode Libraries into EDQ

Integrate the Capscan Matchcode Libraries into EDQ as follows:

1. Copy the `capscan.jar` client API file from the Capscan Matchcode installation to the `capscan` subdirectory of the EDQ local home directory. The location of the `capscan.jar` file in a Capscan Matchcode installation depends on the installation platform; for example, it is located in the `Capscan\SDK\Matchcode client API\Java` directory on Windows.

   **Note:** You can copy the `capscan.jar` file to a directory other than the `capscan` subdirectory of the EDQ local home directory. If you do so, you must edit the `capscan.jar` property of the `capscan.properties` file in the EDQ installation to specify the location of the file. If you specify a relative path, the path must be relative to one of the directories in the EDQ configuration path.

2. Edit the `server.host` property of the `capscan.properties` file in the EDQ installation to refer to the system where Capscan Matchcode is running.
3. Restart the EDQ Application Server.

### 2.1 The capscan.properties File

Various aspects of the Capscan Matchcode API behavior can be controlled using the `capscan.properties` file, which is located in the `capscan` subdirectory of the EDQ local home directory.

The `capscan.properties` file allows you to set the following properties:

**capscan.jar**
The location of the `capscan.jar` client API file in the EDQ installation. If you specify a relative path, the path must be relative to one of the directories in the EDQ configuration path. The default value is the relative path `capscan/capscan.jar`.

**server.host**
The IP address of the machine where Capscan Matchcode is running.

**connection.timeout**
A timeout period, in seconds, after which the Capscan Matchcode API will abort the search and return (a timeout period of zero indicates that there is no time limit on searches).

**connection.type**
The connection mode to use when communicating with the Capscan Matchcode API. The default connection mode is `CONNECTIONLESS`. The remaining options are:

- `CONNORIENTED`
- `STATELESS`
- `WEBCONNECTION`
- `ONDEMAND`

For information about these connection modes, refer to the Capscan Matchcode API documentation.

**number.capscan.connections**
The number of connections that EDQ should make to the Capscan Matchcode API.

**number.threads**
The number of threads that should be used when communicating with the Capscan Matchcode API.

The default contents of the `capscan.properties` file are as follows:

```
# This configuration file is configuring the CapScan processor
# to be able to communicate with the CapScan server
#
# Capscan server name
server.host = 127.0.0.1
#
# Connection timeout in seconds (0 means no time out)
connection.timeout = 30
#
# The connection type to make to the CapScan server.
# Possible values are:
#
# CONNORIENTED
# CONNECTIONLESS
# STATELESS
# WEBCONNECTION
# ONDEMAND
connection.type = CONNECTIONLESS
#
# The number of connections the director server should
# make to the CapScan server
number.capscan.connections = 1
#
# The number of threads that should be used to
```

```
# communicate with the CapScan server
number.threads = 1
```

# 3 Related Documents

For more information, see the following documents in the Oracle Enterprise Data Quality documentation set:

- *Oracle Enterprise Data Quality Release Notes*
- *Oracle Enterprise Data Quality Installation Guide*

See the latest version of this and all documents in the Oracle Enterprise Data Quality Documentation website at

http://download.oracle.com/docs/cd/E48549_01/index.htm

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