

# Oracle® Enterprise Data Quality

Experian QAS Integration Guide

Release 11g R1 (11.1.1.7)

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Oracle Enterprise Data Quality (EDQ) includes a connector to the Experian QAS Batch API (formerly Quick Address Batch API). These notes describe how to integrate EDQ with this API. They also contain instructions for migrating earlier versions of the QAS integration to EDQ versions 8.1.3 or later.

## 1 Prerequisites

You must have an installed version of the Experian QAS Batch API software appropriate for your platform.

## 2 Integrating QAS with EDQ

Integration of EDQ with Experian QAS Batch is carried out by editing the `gas.properties` file distributed with EDQ. The `gas.properties` file is located in the `gas` subdirectory of your EDQ local home directory.

Once both EDQ and the QAS Batch software have been installed, edit the properties in the `gas.properties` as required for your integration. The properties specified in the file are as follows:

Property name	Description	Default Value
<code>gas.install.path</code>	The location of the Experian QAS Batch installation.	C:\Program Files (x86)\QAS\QAS Batch API
<code>gas.qaworld.ini</code>	The path to the <code>QAWorld.ini</code> file to use. This allows you to create and edit copies of the original <code>QAWorld.ini</code> file distributed with Experian QAS Batch API. If no value is specified for this property, it uses the <code>QAWorld.ini</code> file within the Experian QAS Batch API installation.	None

Property name	Description	Default Value
<code>max.number.connections</code>	The maximum number of connections that EDQ will create to the API. This should <b>not</b> be set to a value greater than 32.  Note: There is a known threading and memory issue with Experian QAS Batch API versions 6.85, 6.89 and 6.95, where if maximum usage of 32 instances and 8 threads is reached, the Batch API may crash. This can be avoided by setting this property to a value between 18 and 22 inclusive.	32
<code>connection.pool.timeout</code>	This property specifies the number of milliseconds that a connection can be idle for before it will be closed by the pool management functionality. If this is set to -1, idle connections will not be closed.	60,000
<code>connection.pool.timer.interval</code>	This property specifies how often, in milliseconds, the connection pool will be scanned for idle connections.	60,000
<code>default.layout</code>	The default layout to use. If no layout with the specified name is available in the specified <code>QAWorld.ini</code> file, this property will be ignored.	GBR

### 3 Migrating QAS integrations

Some earlier versions of EDQ (versions prior to 8.1.3) were shipped with a customized version of `QAWorld.ini` that was used instead of the version contained within Experian QAS. It is not possible to migrate automatically from these versions of the Experian QAS integration to the later versions. To migrate an earlier Experian QAS integration, you must:

- Locate the local copy of `QAWorld.ini` and copy any custom layouts specified in this file into the version of `QAWorld.ini` contained within Experian QAS.
- Update the settings in `gas.properties` (see [Chapter 2, "Integrating QAS with EDQ"](#)).

In addition, any existing processes and results books that make use of QAS processors must be updated as follows:

- Open each configured QAS processor and rename the output attributes to match those in the new `QAWorld.ini` file.
- Open any results books built on results grids from QAS processors and re-map the fields to the new output attribute names.

Refer to the following table for the affected releases for each version of EDQ. All versions of EDQ (previously known as `dn:Director`) prior to 7.2 are affected:

Version	Releases affected
EDQ (dn:Director) 7.2	Release 7.2.9 and all earlier 7.2 releases
EDQ (dn:Director) 8.0	Release 8.0.21 and all earlier 8.0 releases
EDQ (dn:Director) 8.1	Release 8.1.2 and all earlier 8.1 releases

## 4 Related Documents

For more information, see the following documents in the documentation set:

- *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](http://download.oracle.com/docs/cd/E48549_01/index.htm)

Also, see the latest version of the *EDQ Online Help*, bundled with EDQ.

## 5 Documentation Accessibility

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