

Dataladder API 1.5 to SDK 3.1.8 migration guide

Version 1.0.3

In SDK 3.x functionality was significantly extended. For example, the address validation was added, the count of available data sources was increased.

But these improvements are the reason some changes of API core libraries. This document contains a description of these changes. This is not a full list but changes that widely used in samples that were prepared for old versions SDK

1. Changes in libraries structure

1.1

Library 'DataMatchEnterpriseAPI.dll' was divided into a few new libraries

Libraries in API 1.5x	Libraries in SDK 3.1.8
DataMatchEnterpriseAPI.dll	DataMatch.Api.dll DataMatch.Connectors.dll DataMatch.Collections.dll DataMatch.Core.dll DataMatch.Data.Core.dll DataMatch.Data.dll DataMatch.DataStorage.dll DataMatch.Matching.dll DataMatch.Project.dll DataMatch.Transformation.dll
_3GramsHashes.dll	TrigramHashes.dll

In existing Visual Studio projects old libraries should be removed and new libraries should be attached instead of old

1.2

If the solution uses '**ProjectInfo**' or '**DataSourceInfo**' classes, then the library 'DataMatch.DataMatch.BusinessLayer.dll' must be added to SDK content. And the reference to this library should be added into Visual Studio project

2. Renaming, moving and deleting classes, methods, fields of classes

2.1

Some classes were renamed

Old Classes	New names of same classes
<i>MatchDefinitionsList</i>	<i>MatchCriteriaList</i>
<i>MatchDefinitionSingle</i>	<i>MatchCriteria</i>

2.2

Deleted classes

Deleted classes
<i>FinalResultRowsComparator</i>

2.3

Class ***SortableRow***

Changed Names of protected fields

Old Names	New Names
rowIndex chunkNumber	_rowIndex _chunkNumber

2.4

Class ***MatchEngine***

Changed Names of public fields

Old Names	New Names
AllRecordsInGoupMustBeSimilar	AllRecordsInGroupMustBeSimilar

2.5

Class ***ReaderConfiguration***

Changed signature of methods

Old Signature
public bool ReadTable(ReaderConfiguration configuration, bool toDetermineFields, out string error);

New Signature
public bool ReadTable(ReaderConfiguration configuration, bool toDetermineFields);

2.6

Class ***ReaderToVariableTableConvertor***

Changed signature of methods

Old Signature
<pre>public static OnDriveTable Copy(IReader reader, string path, string name, DataEvents.ProgressDelegate onTableCopyProgress = null, int toRow = int.MaxValue, string fileNameBase = null, OnDriveTable.OperationModes operationMode = OnDriveTable.OperationModes.Disk)</pre>
New Signature
<pre>public static OnDriveTable Copy(IReader reader, string path, string name, out string error, CancellationToken cancellationTokan, DataEvents.ProgressDelegate onTableCopyProgress = null, int toRow = int.MaxValue, string fileNameBase = null, OnDriveTable.OperationModes operationMode = OnDriveTable.OperationModes.Disk)</pre>

2.7

Class ***dataLadder.App.Paths***

Deleted methods

Deleted methods
<pre>dataLadder.App.Paths.SetCommonDataPath(string newCommonDataPath);</pre>

Now it's impossible to change public property *dataLadder.App.Paths.CommonDataPath*. This property always points to folder "C:\ProgramData\DataMatch Enterprise 3"