

# SDL Trados GroupShare 2020 SR1

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*Trados GroupShare 2020 SR1*

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## **Product overview**

SDL Trados GroupShare is a translation management platform for teams of project managers, translators, reviewers and terminology workers. SDL Trados GroupShare enables you to easily share translation projects, translation memories and terminology with your team members, regardless of their location.

SDL Trados GroupShare incorporates:

- TM Server for sharing translation memories
- MultiTerm Server for sharing termbases
- Project server for sharing translation projects
- SDL Online Editor for translating and reviewing file

For more information, see the [SDL Trados GroupShare presentation page](#) on the SDL website.





## **Release notes**

The SDL Trados GroupShare release notes describe new features, changed features, fixed issues and remaining known issues.

## What's new in SDL Trados GroupShare

This section provides an overview of features and functionality introduced or changed in SDL Trados GroupShare over time.

### Changes introduced in SDL Trados GroupShare 2020 SR1

This section contains a list of new features and functionality that were introduced with the Trados GroupShare 2020 SR1 release.

#### Real-time updates and notifications

SDL Trados GroupShare 2020 SR1 introduces real-time updates to make collaborative project management easier than ever. As you change file phases or assignments, check-out files or make any other changes, your updates are instantly visible to other users with project access. Users also receive on-screen notifications about new projects so that no one misses important updates.

Live updating and notifications means that project members no longer have to manually refresh the page to make sure projects are synced.

For split-installation scenarios, the real-time notifications require an additional port to be opened in the firewall. For more information, see **Ports for split install** in the "Installation Guide" on page 0.

#### Post-translation Analysis report

The Reports view now includes an additional report: Post-translation analysis (PTA). Generate this report during any project phase to get a detailed overview of your TM leverage and translators' effort on individual files.

PTA shows the number of words, segments and characters translated by each translator who has worked on the project file. The counts are grouped by match rate to help you determine translation costs accurately: New, Perfect Match, Context Match, Exact Match, Fuzzy Band. The PTA report is also generated automatically, as part of the Finalize task.

## Possibility to delete non-empty organizations

You can now delete also organizations and sub-organizations that contain users, translation memories, termbases, sub-organizations or libraries. This means that you no longer have to first manually delete all the resources inside an organization before being able to delete the organization itself.

If the resources have been created under the organization that you delete, these resources will be removed from SDL Trados GroupShare altogether. If the organization that you delete is only referencing resources created elsewhere, these resources will still be available in the source organization.

Deleting non-empty organizations is not available for installations that only include MT Server. This is because the new behavior is handled by the Execution Service, which is not deployed on MT Server-only installations.

## Apply Perfect Match from bilingual files

SDL Trados GroupShare 2020 SR1 brings more flexibility for working with Perfect Match. You can now extract matching translations also from bilingual SDLXLIFF files available on your computer.

This adds to the existing option to extract translations from Trados GroupShare projects that you can specify as a reference. Uploading bilingual files instead of reference projects gives you more control over which translation file is mapped to which source file.

## User profile pictures

Starting with this release, Trados GroupShare accounts support custom profile pictures. These offer an alternative to the default avatars that show your initials on a colored background.

The profile pictures appear in various places in the Trados GroupShare views, to illustrate the users assigned to work on projects or tasks.

To update your profile picture, go to **Manage Account > Profile Information**. If you are a project manager, you can also update profile pictures for other users in your account from the **Users** view.

## Dropped support for SQL Server 2014

This release introduces changes that are only supported by SQL Server 2016 or later.

If you are using SQL Server 2014, upgrade SQL Server before upgrading to SDL Trados GroupShare 2020 SR1.

## Other enhancements

This topic lists the additional improvements introduced with SDL Trados GroupShare 2020 SR1.

### Finalize task disabled outside Finalisation phase

The **Finalize files** button is now enabled only when all the selected files are in the **Finalisation** phase. This ensures that occasional project users do not finalize documents prematurely.

### Fallback to Editor CALs for MultiTerm Server

MultiTerm Server can now consume available Editor CALs when no more Viewer CALs are available.

### Performance improvements

- Trados GroupShare now updates user rights much faster after you edit roles and permissions.
- Added various SQL Server indexes to improve performance when querying users, resources and language directions.
- SDLSYSTEM Stored Procedures now execute faster.
- Audit trails are now generated in less than a second.
- Projects with TM Update are published and downloaded faster.

### Security enhancements

- Online Editor: Replaced session token with HTTP cookies. This prevents potential attackers from capturing sensitive data.
- SDL MultiTerm Online: Fixed vulnerability issue in the **Create New Duplicate Filter Definition** dialog.

## Changes introduced in SDL Trados GroupShare 2020

This section provides an overview of the new features, enhancements and other changes introduced in the 2020 version of Trados GroupShare.

## New solution for reporting and dashboard

We've replaced the reporting engine with one built on the Logi Analytics platform.

All the reports on the Trados GroupShare Dashboard are now embedded Logi Reports.

The new reporting service is included in the installer and configured automatically. It uses the same port, user and permissions as the Web service.

## Mixed SDL Online Editor licensing options

SDL Online Editor can be accessed under the form of a Basic edition, of an Advanced edition, or a combination of both (a mixed edition).

The mixed SDL Online Editor license (Basic and Advanced) can be used starting from SDL Trados GroupShare 2020 CU2. The previous product version, SDL Trados GroupShare 2020 CU1, offered SDL Online Editor, as either Basic or Advanced.

The Basic edition has some limitations, but both editions allow you to open a file for translation or review in SDL Trados GroupShare. If you purchase a mixed license, you can switch between the Basic or the Advanced mode when opening files.

SDL Trados GroupShare offers you the possibility of purchasing licenses with mixed SDL Online Editor entitlements as follows:

- Basic only
- Advanced only
- Basic and Advanced (starting from SDL Trados GroupShare 2020 CU2)

The SDL Online Editor trial version uses the Advanced edition.

## Verify translations in SDL Online Editor

You can now use the SDL Online Editor in SDL Trados GroupShare to perform QA checks as part of the translation and review process. This feature is available with SDL Online Editor - Advanced edition.



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**Resolved issues**

This topic lists the issues resolved in SDL Trados GroupShare 2020 SR1. In addition, SDL Trados GroupShare 2020 SR1 includes all previous [Cumulative Updates for Trados GroupShare 2020](#)

## Main application

- Fixed issue that prevented users with Translator role from changing their password.
- Fixed an issue with opening Trados GroupShare project templates that use the latest version of the ETS app as translation provider.

## Trados GroupShare Online Editor

Fixed issue that introduced extra hard returns when copy-pasting content from Word.

## Trados GroupShare translation memories (TMs)

- Times in DE-CH segments are now correctly recognized and translation units successfully added to the TM.
- Numbers are now correctly auto-substituted when using Trados GroupShare server-based TMs in Trados GroupShare.
- Fixed issue with displaying TMs available in organizations whose name include a plus sign (+) or an apostrophe (').

## SDL MultiTerm Online

- SDL MultiTerm Online can now connect to MultiTerm Server via HTTPS, even with TLS versions older than 1.2 are disabled.
- Hard Filter mode no longer excludes matching terms if the filter condition addresses a nested field of type picklist.
- Termbases renamed in MultiTerm Desktop are reflected correctly in the Trados GroupShare Web UI.
- REST API: Fixed issue with retrieving terms that includes URLs or cross-references to a concept/entry.

## Trados GroupShare Console

Logging configuration for SDL Notification Service is no longer lost when applying changes in the console.



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## **Installing SDL Trados GroupShare**

This section contains general information about installing SDL Trados GroupShare 2020 and the technical requirements for the installation.

### About this task

For step-by-step instructions in how to install and maintain Trados GroupShare, see the

## Supported operating systems

The SDL Trados GroupShare server modules run on the following platforms:

- Windows Server 2019, with IIS 10
- Windows Server 2016, with IIS 10
- Windows Server 2012 R2, with IIS 8.5

## Supported database servers

SDL Trados GroupShare supports the following SQL Server versions:

- SQL Server 2019
- SQL Server 2017
- SQL Server 2016

SDL recommends always using the latest supported SQL version. For any of the supported SQL versions, make sure you are on the latest Service Pack release. SDL Trados GroupShare may have performance issues if you use earlier versions of these SQL Server releases.

Make sure that the SQL Server that you use for running SDL Trados GroupShare has the full text search engine installed. MultiTerm requires this for fully supporting the **Full Text Search** option.

If you plan to use SQL Express, make sure that you use the Advanced Services edition.

For SQL Express 2016, see for instance [Microsoft SQL Server 2016 Express site](#) . For more information on the prerequisites required for installation, see the *"Installation Guide"* on page 0.

## Supported browsers

SDL Trados GroupShare supports several browsers as per the following priority order:

1. Google Chrome (latest version) -

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**Note:** We strongly recommend you to use Google Chrome for SDL Online Editor.

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2. Mozilla Firefox (latest version)
3. Microsoft Edge (latest version)

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**Note:** Limited support for SDL Online Editor. We strongly recommend you to use Google Chrome.

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4. Internet Explorer (11 only)

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**Restriction:** SDL Online Editor does not support Internet Explorer.

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5. Safari (latest version)

## GroupShare kit

The kit includes two types of available information: .NET library for SDL Trados GroupShare REST API and TM Search and Terminology Editing using REST API.

The following information is available:

- .NET library for REST API: <https://github.com/sdl/groupsharekit.net>
- TM Search and Terminology Editing using REST API:  
<http://groupsharekitsampleweb.azurewebsites.net/Account/Login?ReturnUrl=%2F>

## REST API information

REST API information is hosted in Swagger. The information can be used interactively to learn more about the actions that can be performed in the WebUI, as well as lookup and editing in Terminology REST API.

The following two REST API sources are available:

- Static resource: <http://servername/swagger-ui>
- Interactive resource: <http://servername:41234/documentation/api/index>

Service	URL
TM Service	<a href="http://&lt;host&gt;:41235/docs/ui/index">http://&lt;host&gt;:41235/docs/ui/index</a>
Editor Service Router	<a href="http://&lt;host&gt;:41255/docs/ui/index">http://&lt;host&gt;:41255/docs/ui/index</a>
Translation Model Service	<a href="http://&lt;host&gt;:41251/docs/ui/index">http://&lt;host&gt;:41251/docs/ui/index</a>
Language Resource Service	<a href="http://&lt;host&gt;:41238/docs/ui/index">http://&lt;host&gt;:41238/docs/ui/index</a>
Translation Service	<a href="http://&lt;host&gt;:41258/docs/ui/index">http://&lt;host&gt;:41258/docs/ui/index</a>
Feedback Service	<a href="http://&lt;host&gt;:41259/docs/ui/index">http://&lt;host&gt;:41259/docs/ui/index</a>
Reporting Service	<a href="http://&lt;host&gt;:41263/documentation/api/index">http://&lt;host&gt;:41263/documentation/api/index</a>
Logging Service	<a href="http://&lt;host&gt;:41265/documentation/api/index">http://&lt;host&gt;:41265/documentation/api/index</a>

## Installing Trados GroupShare 2020

This topic contains some important notes on installing SDL Trados GroupShare. Complete instructions for installing SDL Trados GroupShare are available in the dedicated SDL Trados GroupShare Installation Guide PDF.

Ensure that you have administrator permissions and that no other software is running while you install SDL Trados GroupShare.

You can find a full list of software installed with this application, including any third-party software in the .

### Download location

You can download the SDL Trados GroupShare installer from your [SDL Account](#) .

### Installation instructions

To install SDL Trados GroupShare, follow the instructions in .

### Installation issues

For information on resolving installation issues, see the [SDL Gateway Knowledge Center](#) .

## Checking GroupShare logs

Check the event logs to monitor GroupShare process executions, and trace possible issues.

### Location of event logs

Each GroupShare service generates its own .LOG file under `....\Program Data\SDL\Service\Logs`. In addition, the GroupShare installation logs are available under `....\Program Data\SDL\Install\SDL GroupShare version number.log`

All the information from these separate log files is consolidated in one single location in the GroupShare UI, under **System Configuration > Log Viewer**. Here you can examine all log events from a central location, without accessing the GroupShare server, and without opening multiple .LOG files.

### Log Viewer and Logging Service

The SDL Logging Service collects and records all the information from the .LOG files in the GroupShare log database. This information feeds in the Log Viewer tab where you can sort and analyze log entries more efficiently.

By default, log entries in the GroupShare log database are deleted every 15 days, at 22:30. You can customize this purge frequency by configuring the `CleanUpSettings` property in the `Appsettings.json` file available under `...\SDL\Install\SDL Server\Logging Service`.

## Required permission

By default only the System Administrator can access the Log Viewer tab. However, you can enable any other user to access the logs by granting them the **View Log Entries** permission.

## Filter log events

Sort and filter logged events in the Log Viewer to identify relevant log data easier, and troubleshoot issues quicker.

To filter log events in the Log Viewer:

1. Go to **System Configuration > Log Viewer** tab, and open the **Filter** pane at the left hand-side of the screen.
2. Specify the period of time and the GroupShare service for which you want to see the logs events.
3. Enable the type of log events that you want to see in the Log Viewer.

## Configure event level recording

By default, GroupShare records all Information, Warning and Error events in the .LOG files on the GroupShare server. The Logging Service only records Warning and Error log events in the log database.

To configure the default log level for the .LOG files and for the Log Viewer, edit the .CONFIG file for each GroupShare service.



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# **Compatibility**

## 5 Compatibility

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SDL Trados GroupShare 2020 SR1 can be used with SDL Trados Studio 2017 SR1 CU17 or later, SDL Trados Studio 2019 SR1 CU4 or later, SDL MultiTerm 2017 CU2 or later and SDL MultiTerm 2019 CU4 or later. SDL MultiTerm 2017 Desktop can also be used to connect to MultiTerm Server 2021; a CU is not required in this case. You need at least Trados Studio 2017 SR1 CU8 to be able to benefit from the innovative server-based upLIFT.

<b>Compatible products / Module</b>	<i>MultiTerm Server</i>	<i>TM Server</i>	<i>Project Server</i>
SDL Trados Studio 2017 and later	yes	yes	yes
SDL MultiTerm 2017 and later	yes	n/a	n/a

SDL Trados Studio 2014 or SDL MultiTerm 2014 and earlier versions cannot be used to connect to SDL Trados GroupShare 2020 SR1.

**Note:** SDL Trados Studio 2015 or SDL MultiTerm 2015 and earlier versions are not recommended to be used to connect to SDL Trados GroupShare 2020 SR1.

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**Notes on licensing Trados  
GroupShare 2020**

This topic contains important notes on how to license Trados GroupShare 2020. Full licensing instructions are available in the dedicated licensing online Help.

You can use Trados GroupShare 2020 with a softkey license based on an activation code.

For details on how the softkey license mechanism works and how to obtain and install softkey licenses, see the [SDL Licensing Help](#) and the licensing videos on the [SDL Trados Youtube channel](#).

## Online Editor licensing

SDL Online Editor is an additional module which needs to be purchased separately on a license basis. SDL Online Editor is not automatically included when performing an upgrade.

# Licensing SDL Trados GroupShare 2020 from SDL Studio GroupShare 2017, 2015 and 2014

Trados GroupShare 2020 SR1 needs a new activation code to be licensed. This means that after upgrading from Studio GroupShare 2019 to Trados GroupShare 2020 SR1, you have to use the new activation code provided to you.

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## **Upgrading to Trados GroupShare 2020 SR1**

# Upgrading from Trados GroupShare 2015 to SDL Trados GroupShare 2020 SR1

SDL recommends users who have the Trados GroupShare 2015 RTM version to first update to Trados GroupShare 2020 CU1, and only then to upgrade to Trados GroupShare 2020 SR1. Trados GroupShare remembers all your projects, resources and settings when you migrate from any older version of Trados GroupShare to Trados GroupShare 2020 SR1.

# Upgrading from SDL Trados GroupShare 2017 to Trados GroupShare 2020 SR1

## Recommendation

SDL recommends users who have the Trados GroupShare 2017 RTM version to first update to SDL Trados GroupShare 2017 CU10, and only then to upgrade to Trados GroupShare 2020 SR1.

## Supported upgrades

- From Trados GroupShare 2017 CU10 to Trados GroupShare 2020 (or later CUs) and SR1
- From Trados GroupShare.00. 2017 CU11 to Trados GroupShare 2020 CU1 or later

## Unsupported upgrades

- From SDL Trados GroupShare 2017 CU11 to Trados GroupShare 2020 RTM.

## Upgrading the database manually

To upgrade the database from Trados GroupShare 2017 CU10 to SDL Trados GroupShare 2020 SR1 manually:

1. Run `Sdl.GroupShare.Database.SdlSystem.dacpac` on the `SDLSystem` database.
2. Run `Sdl.GroupShare.Database.MTMaster.dacpac` on the `MTMaster` database.
3. Run all `.SQL` script files from `TMSERVICE_SYSTEM_UpgradeSchema_1.5.3.sql` to `TMSERVICE_SYSTEM_UpgradeSchema_1.5.8.sql` on the `TMSERVICE` database.
4. Run all `.SQL` script files from `tmserver-mssql-8.59-to-9.0.0.sql` to `tmserver-mssql-11.0.9-to-11.0.10.sql` on the `TMContainer` database.
5. Run `TranslationModelsMain_UpgradeSchema_1.0.1.sql` on the `TMMModel` database.
6. Run `Sdl.GroupShare.Database.WebHooks.dacpac` on the `WEBHooks` database.
7. Run `Sdl.GroupShare.Database.CPSService.sql` on the `CPSService` database.
8. Run `LRServiceSystem_UpgradeSchema_1.2.0.sql` on the `TMSERVICE` database.

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# Acknowledgments

SDL Trados GroupShare includes open-source, licensed or similar third-party software.

#### **Apache log4net**

The Apache log4net library is a tool to help the programmer output log statements to a variety of output targets. log4net is a port of the Apache log4j™ framework to the Microsoft® .NET runtime.

#### **Autofac**

This is an IoC container for Microsoft .NET which manages class dependencies, so that applications are easy to change when they grow in size or complexity.

#### **Apache Tomcat, Tomcat Embed**

Apache Tomcat is an open source software implementation of the Java Servlet and JavaServer Pages technologies.

#### **AlphaFS**

AlphaFS is an Open Source library that provides a namespace (Alphaleonis.Win32.Filesystem) containing a number of classes. Most notable are replications of the System.IO.File, System.IO.Directory and System.IO.Path, all with support for the extended-length paths (up to 32000 chars), recursive file enumerations, native backups and manipulations with advanced flags and options. They also contain extensions to these, and there are many more features for several functions.

#### **ANTLR**

ANTLR is a powerful parser generator that you can use to read, process, execute, or translate structured text or binary files.

#### **DotNetOpenAuth**

This is an open-source library that brings OpenID, OAuth capabilities to the .NET Framework.

#### **DocumentFormat.OpenXml**

This is an SDK library for working with Open XML Documents (DOCX, XLSX, PPTX).

#### **DS OLE Document Properties Reader**

This is a package which facilitates working with DS OLE Document Properties.

#### **Entity Framework**

Entity Framework is Microsoft's recommended data access technology for new applications.

#### **Erlang**

This is a programming language used for developing robust systems of programs which can be distributed among different computers in a network - component required to run RabbitMQ.

#### **ExtJS**

This is a JavaScript application framework used for building interactive cross-platform web applications.

#### **ICU (International Components for Unicode)**

ICU is a mature, widely used set of C/C++ and Java libraries providing Unicode and Globalization support for software applications. ICU is widely portable and gives applications the same results on all platforms and between C/C++ and Java software.

### **IIS URL Rewrite Module 2**

This is an extension which enables Web administrators to set up rules to define URL rewriting behavior based on HTTP headers.

### **ICSharpCode Zip Lib**

#ziplib (SharpZipLib, formerly NZipLib) is a Zip, GZip, Tar and BZip2 library written entirely in C# for the .NET platform. It is implemented as an assembly (installable in the GAC), and thus can easily be incorporated into other projects (in any .NET language).

### **Json.NET**

Json.NET is a popular high-performance JSON framework for .NET.

### **Java Runtime Environment (JRE)**

This is part of Java Development Kit (JDK), a set of programming tools for developing Java applications.

### **Microsoft ASP.NET Cors**

This package contains the core components to enable Cross-Origin Resource Sharing (CORS) in ASP.NET.

### **Microsoft OLE DB Driver for SQL Server**

The Microsoft OLE DB Driver for SQL Server provides native connectivity from Windows to Microsoft SQL Server and Microsoft Azure SQL Database.

### **Microsoft SQL Server 2012 Management Objects (SMO)**

Objects designed for programmatic management of Microsoft SQL Server.

### **Microsoft System CLR Types for SQL Server 2012**

Package which translates SQL Server 2012 data types to .NET equivalents.

### **Microsoft Application Request Routing 3.0 (IIS ARR)**

This is an extension that provides rule-based routing. This further enables Web application scalability through load balancing and distributed disk caching

### **Microsoft Management Console (MMC)**

This is a component which provides system administrators an interface for system configuration and monitoring.

### **MongoDB**

This is a free, open-source, cross-platform, document-oriented, NoSQL database program which uses JSON-like documents with schemas. MongoDB is published under a combination of the GNU Affero General Public License and the Apache License.

### **Ninject**

This is an open-source dependency injector for .NET.

### **NLog**

NLog is a free logging platform for .NET, Silverlight and Windows Phone with rich log routing and management capabilities. NLog makes it easy to produce and manage high-quality logs for your application regardless of its size or complexity.

### **PostSharp**

This is a Visual Studio extension including ready-made implementations of the most common patterns found in .NET.

### [re-motion Framework](#)

This is an open-source, development framework for .NET under the LPGL License.

### [RabbitMQ Server](#)

This is an open-source, scalable implementation of an AMQP broker, a message broker software.

### [RazorEngine](#)

RazorEngine - A Templating Engine based on the Razor parser.

### [Polly](#)

This is a .NET resilience and transient-fault-handling library which allows developers to express policies such as: Retry, Circuit, Breaker, Timeout, Bulkhead Isolation, and Fallback.

### [PostSharp](#)

This is a Visual Studio extension including ready-made implementations of the most common patterns found in .NET.

### [RaptorDB](#)

This is a JSON-based, small size, NoSQL document store database which offers hybrid bitmap indexing and LINQ query filters.

### [OpenXmlPowerTools](#)

This is a package which assists in programming with Open XML Documents (DOCX, XLSX, PPTX).

### [SolidFramework SDK](#)

This is a package which gives you the possibility to create, modify and convert PDFs into a variety of editable formats.

### [Serilog](#)

This is an open-source, diagnostic logging library for .NET applications.

### [SpecFlow NuGet package](#)

This is a package which facilitates the transformation of human-readable specifications into automated tests.

### [SafeNet Sentinel](#)

SafeNet's Sentinel software licensing products and software protection solutions provides software publishers control and visibility into how their applications are deployed and used.

### [Spring.NET](#)

Spring.NET is an application framework that provides comprehensive infrastructural support for developing enterprise .NET applications. It allows you to remove incidental complexity when using the base class libraries makes best practices, such as test driven development, easy practices.

### [Swashbuckle.Core](#)

Seamlessly adds a Swagger to WebApi projects.

### [Swagger](#)

Swagger is a simple yet powerful representation of your RESTful API. With the largest ecosystem of API tooling on the planet, thousands of developers are supporting Swagger in almost every modern programming language and deployment environment. With a Swagger-enabled API, you get interactive documentation, client SDK generation and discoverability.



**SolidFramework SDK**

This is a package which gives you the possibility to create, modify and convert PDFs into a variety of editable formats.

**SQLite**

SQLite is an in-process library that implements a self-contained, serverless, zero-configuration, transactional SQL database engine.

**Visual C++ 2008 Redistributable SP1**

These are packages which install run-time components required to run C++ applications built in Visual Studio.

**Visual C++ 2013 Redistributable**

These are packages which install run-time components required to run C++ applications built in Visual Studio.

**WiX**

The WiX toolset builds Windows installation packages from XML source code. The tool-set integrates seamlessly into build processes.

**Xerces-C++**

Xerces-C++ is a validating XML parser written in a portable subset of C++.

**#ziplib**

#ziplib (SharpZipLib, formerly NZipLib) is a Zip, GZip, Tar and BZip2 library written entirely in C# for the .NET platform. It is implemented as an assembly (installable in the GAC), and thus can easily be incorporated into other projects (in any .NET language).

