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# SharePoint 2013: Accessing the Machine Translation Service using the server object model

This documentation is preliminary and is subject to change.

Summary:  Learn how to translate document libraries, single documents or folders, and text streams with the Machine Translation Service in SharePoint Server 2013 Preview using the server object model.

## Description of the Machine Translation Service server object model sample

Important



Using machine translation will allow users to send content to Microsoft for translation. Microsoft may use content users send us to improve the quality of translations. If you use the Machine Translation Service in your application, you are responsible for informing users that this application will allow users to send content to Microsoft for translation and that Microsoft may use content users send us to improve the quality of translations. See [Microsoft Translator Privacy](http://msdn.microsoft.com/en-us/library/hh464486.aspx) for more information.

This sample demonstrates how to translate document libraries, single documents, folders, and text streams using the SharePoint Server 2013 Preview server object model. Machine Translation Service is a new service application in SharePoint Server 2013 Preview that provides automatic machine translation of files and sites. Using the object model, you can submit requests to the Machine Translation Service application asynchronously or synchronously (for instant translation). The Machine Translation Service server object model sample is a console application that contains several methods that show you how to submit different types of translation jobs synchronously and asynchronously.

Note



Applications that use the server object model must run directly on a server that is running SharePoint Server 2013 Preview.

## Prerequisites

This sample requires the following in your development environment:

* Visual Studio
* SharePoint Server 2013 Preview

## Key components of the sample

The console application contains the methods described in Table 1.

Table 1. Console application sample methods

| Method name | Description |
| --- | --- |
| AddSyncFile | Translates a single file synchronously. |
| AddSyncStream | Translates a stream synchronously. |
| AddSyncByte | Translates an array of bytes synchronously. |
| AddAsyncFile | Translates a single file asynchronously. |
| AddAsyncFolder | Translates a folder synchronously. |
| AddAsyncLibrary | Translates a document library synchronously. |
| GetJobStatus | Retrieves a list of the translation jobs with the following statuses:   * All active jobs for all users. * All active jobs for the current user. * All jobs for all users. * All jobs for the current user. |
| GetJobItems | Returns all the items to be translated for the specified translation job. |
| GetSupportedLanguages | Returns all languages that are supported by Machine Translation Service. |
| GetSupportedFileExtensions | Returns all the file name extensions that are supported by Machine Translation Service. |
| GetMaximumFileSize | Returns the file size limit for the specified file name extensions. |
| CancelJob | Cancels the specified translation job. |

## Run and test the sample

Press the F5 key to compile and run the sample.

## Change log

| Version | Date |
| --- | --- |
| First version | July 16, 2012 |

## Related content

* [Translation Services in SharePoint 2013](http://msdn.microsoft.com/library/15a81428-da94-40b8-8ed4-6a12f05661e2.aspx)
* [TranslationServices Namespace](http://msdn.microsoft.com/library/Microsoft.Office.TranslationServices.aspx)
* [SharePoint 2013 development overview](http://msdn.microsoft.com/library/f86e2695-4d7a-4fc5-bc23-689de96c4b06.aspx)