


Microsoft Translator Hub quick guide

<https://hub.microsofttranslator.com>

Create workspace

Settings

If You want to request deployment of your trained dataset, enter your Azure Translator Text API resource key, minimum Pricing Tier S1 Standard.



Translator Hub

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Workspace Name:*

NextTrain

Workspace ID:

Organization:

Email:*

?

Keep Data Private:

☒

?

Subscription Key:

?

*Required

Save Changes

Microsoft Translator subscription

Pricing Tier:

S1 Standard

Account Identifier:

Associate or Start a Microsoft Translator API subscription

Associating a Microsoft Translator subscription unlocks these features:

- Access to community and collaborative translations
- Import community and collaborative translations as training data
- Preauthorize higher levels of translation volumes

[Create new workspace / Join an existing workspace](#)

[Delete this workspace](#)

Create project



Translator Hub

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Project Name:*



Description:



Source Language:*



*My source language is not listed.
[Request a language to be added](#) ▶

Target Language:*



*My target language is not listed.
[Request a language to be added](#) ▶

Category:



Category Descriptor:



Further define your category by listing the field, industry, etc.

Project Label:

[Max 15 characters]



Optional. Only necessary to distinguish this project from another project of the same source language, target language and category. e.g. MSFT, TECH1

*Required

Create Project

Translator Hub

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Project Details

Search project name...

[Export Projects](#)

Name	Source Language	Target Language	Category	Status	BLEU Score	Action
TrainStations [FI2EN]	Finnish	English	[REDACTED] FI2EN_TRAVEL	In Training	N/A	Edit Remove

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Train New System

Translator Hub

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PROJECT INFO

TrainStations [FI2EN]

Started by Ma Pe on 19 Feb 2018

Finnish to English in Travel category
(fi to en)

LIST OF SYSTEMS TRAINED

[+ Train New System](#)Show Hidden Systems ☐

Name	Status	BLEU	Used Sentence Count				Uses Microsoft Model
			Training	Tuning	Testing	Mono	
System #3	In Training	N/A	974	500	500	0	Yes
System #2	Succeeded	81.24	974	500	500	0	Yes
System #1	Succeeded	43.29	974	500	500	0	Yes

Upload Documents

Data, parallel

If You use Excel file, enter the language ID in the first row. Use some translation service to get it about right in English, or be brave and put your skin into the game by providing Your own version.

Use Your raw data file to create sentences utilizing Flash Fill functionality in Excel, for example if You have train stations listed in one column, just start typing similar sentences with the train station info in empty column and after couple of rows Flash Fill will automatically fill the rest of the rows based on the pattern. Do check if there are anomalies in Flash Fill entries.

You need at least 2000 rows of sentences to succeed, recommended to have more than 10 000.

	A	B
1	fi	en
1454	Milloin lähtee seuraava juna Helsingistä Ahonpäähän?	When does the next train depart from Helsinki to Ahonpää?
1455	Milloin lähtee seuraava juna Helsingistä Ahvenukseen?	When does the next train depart from Helsinki to Ahvenus?
1456	Milloin lähtee seuraava juna Helsingistä Ainolaan?	When does the next train depart from Helsinki to Ainola?
1457	Milloin lähtee seuraava juna Helsingistä Airakselaan?	When does the next train depart from Helsinki to Airaksela?
1458	Milloin lähtee seuraava juna Helsingistä Aittaluotoon?	When does the next train depart from Helsinki to Aittaluoto?
1459	Milloin lähtee seuraava juna Helsingistä Ajokseen?	When does the next train depart from Helsinki to Ajos?
1460	Milloin lähtee seuraava juna Helsingistä Alapitkään?	When does the next train depart from Helsinki to Alapitkä?
1461	Milloin lähtee seuraava juna Helsingistä Alavukselle?	When does the next train depart from Helsinki to Alavus?

Train System : Upload Documents

Note:
Select a document or an archive file (ZIP, GZ, TGZ) containing documents that you want to upload.

Document Naming Style:
<document name>.[TMX | XLF | XLIFF | LCL | XLSX] OR
<document name>_[fi | en].[TXT | HTML | HTM | PDF | DOCX | ALIGN]

"fi" indicates that the document contains "Finnish" sentences and
"en" indicates that the document contains "English" sentences
e.g: Doc1_fi.txt, Doc1_en.txt, Doc2_en.pdf, Doc3_en.docx, Doc4.tmx, Doc5.xlf, Doc6.lcl

Maximum Size: 100MB. For individual HTML files maximum size is 10MB.

ainSt Browse...

By uploading my documents, I confirm that the content I submit does not infringe the copyrights, publicity rights, privacy rights or other intellectual property rights of others. I further confirm that I have the sufficient rights in the content to grant Microsoft the licenses provided in the [Terms of Use](#).

☒ If documents with the same name exist, allow overwrite.

Upload Cancel

Translator Hub

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TRANSLATION SYSTEM INFO

TrainStations [FI2EN]

Started by Ma Pe on 19 Feb 2018

Finnish to English in Travel category
(fi to en)

System #3

TRAIN SYSTEM

EVALUATE RESULTS

REQUEST DEPLOYMENT

TEST SYSTEM

TRANSLATE DOCUMENTS

TRAIN SYSTEM - Select/add documents and start the training

Start Training »

Start Training & Deploy »

[Export Training Details](#) [Save](#)

Training

Tuning (Auto)

Testing (Auto)

Dictionary

Search training documents...



Parallel Sentences Selected: 2,420 | Suggested Minimum: 10,000

Parallel Documents Selected in Training Dataset: 1

Monolingual Documents Selected in Training Dataset: 0 [+ download sentence files](#)☒ Show All ☐ Show Selected ☐ Show Unselected[+ add documents](#)[+ get community translations](#)

Selected documents will be used to train your model.

<input checked="" type="checkbox"/>	Name	Type	Size (KB)	Sentence Count	Uploaded On
<input checked="" type="checkbox"/>	Juna-asemat-translations_fi.xlsx	Parallel	150 / 149	2,420 / 2,420	Feb 19, 2018 03:53 PM

☒ Use Microsoft models Page Size Page of 1

Tuning

If You are training consecutive systems, check Reset if You have changed Your dataset (like correcting typos etc.), otherwise it will use the data from Your first dataset even if there is the updated file uploaded.

TRAIN SYSTEM - Select/add documents and start the training

Start Training » Start Training & Deploy » [Export Training Details](#) [Save](#)

Training Tuning (Auto) Testing (Auto) Dictionary

Search tuning documents...

Select One

☒ **Auto selection** (default)
Sentences for tuning will be extracted from the documents selected in the Training tab. If available, sentences from the last successfully trained system will be reused. If you would like the system to use a new tuning dataset for this training, please check the "Reset" checkbox.

☒ Reset ?

☐ **Manual selection**
You can select the file containing tuning data.

Testing

TRAIN SYSTEM - Select/add documents and start the training

Start Training » Start Training & Deploy » [Export Training Details](#) [Save](#)

Training Tuning (Auto) Testing (Auto) Dictionary

Search testing documents...

Select One

☒ **Auto selection** (default)
Sentences for testing will be extracted from the documents selected in the Training tab. If available, sentences from the last successfully trained system will be reused. If you would like the system to use a new testing dataset for this training, please check the "Reset" checkbox.

☒ Reset ?

☐ **Manual selection**
You can select the file containing testing data.

Dictionary

You may want to provide Dictionary file, especially if You do not want to translate the names in Your dataset or if translation is poor with some words of Your language.

	A	
1	fi	en
2	Ahonpäästä	from Ahonpää
3	Ahvenuksesta	from Ahvenus
4	Ainolasta	from Ainola
5	Airakselasta	from Airaksela
6	Aittaluodosta	from Aittaluoto
7	Ajoksesta	from Ajos
8	Alapitkästä	from Alapitkä

Train System : Upload Documents

Upload Progress Summary

Document Name	Status
Juna-asetmat-dictionary_fi.xlsx	The document has been successfully processed and saved. NOTE: Sentences from the first worksheet in the workbook have been extracted.

Extracted Document Details

Extracted Document Name	Status
Juna-asetmat-dictionary_fi_fi.xlsx	The document has been successfully processed and saved.
Juna-asetmat-dictionary_fi_en.xlsx	The document has been successfully processed and saved.

Close

TRAIN SYSTEM - Select/add documents and start the training

Start Training »

Start Training & Deploy »

[Export Training Details](#) [Save](#)

Training Tuning (Auto) Testing (Auto) Dictionary

Search dictionary documents...

Dictionary Entries Selected: 1,452

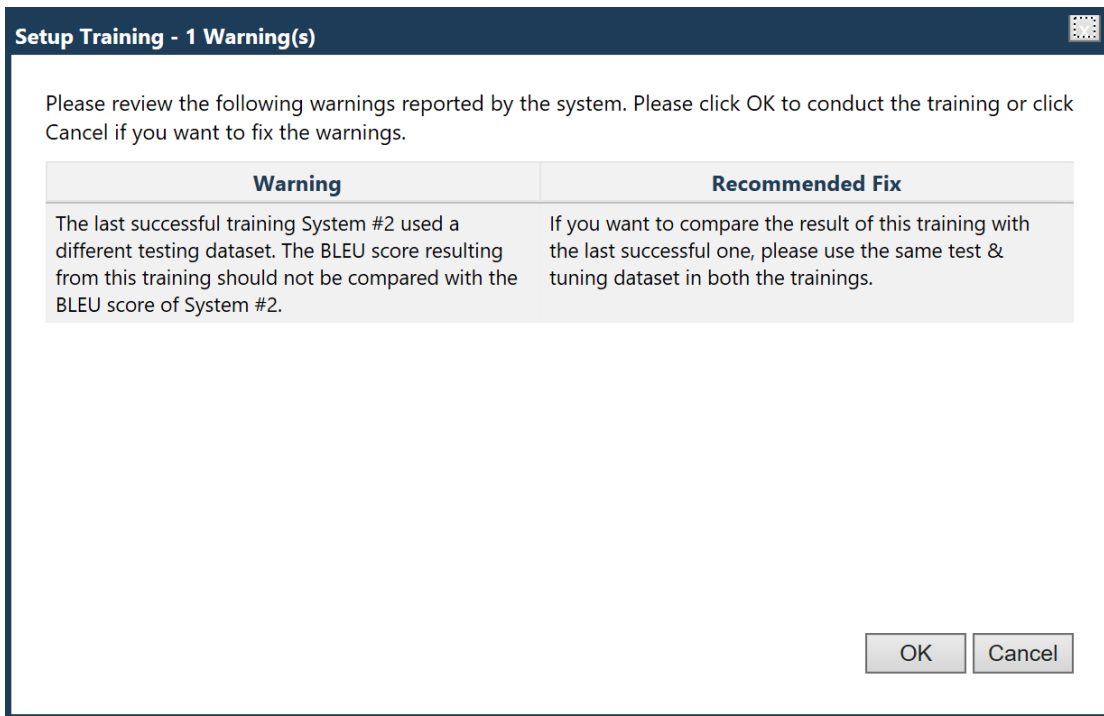
Documents Selected in Dictionary Dataset: 1 [download sentence files](#)

☒ Show All ☐ Show Selected ☐ Show Unselected [add documents](#)

<input checked="" type="checkbox"/>	Name	Type	Size (KB)	Sentence Count	Uploaded On
<input checked="" type="checkbox"/>	Juna-asetmat-dictionary_fi.xlsx NEW	Parallel	36 / 38	1,452 / 1,452	Feb 19, 2018 08:43 PM


Start training

If You checked Reset in Tuning and Testing tabs it throws a warning, which You may ignore by clicking OK.



Evaluate results

Ref: is Your translation, MT: is machine translation. If You are satisfied and BLEU score is high, then proceed to Request Deployment. Do pay attention that any difference in capital letters will result the translation as failed for that word, especially if You used Dictionary file where the capital letter mismatch may have been introduced.

NextTrain | Ma Pe (Owner) | Sig

ProjectsDocumentsMembersSettingsHelp

TRANSLATION SYSTEM INFO

TrainStations [FI2EN]

Started by Ma Pe on 19 Feb 2018

Finnish to English in Travel category (fi to en)

System #3

Rename translation systemRemove translation system

TRAIN SYSTEM

EVALUATE RESULTS

REQUEST DEPLOYMENT

TEST SYSTEM

TRANSLATE DOCUMENTS

EVALUATE RESULTS - Compare machine translations of test dataset with original translations.

BLEU Score: 78.86 (+37.61)

Download TranslationsAssign Reviewers


Request deployment »

Clone

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Finnish	English
Milloin lähtee seuraava juna Helsingistä Hiiriolaan?	Ref: When does the next train depart from Helsinki to Hiirola? MT: When is the next train from Helsinki to Hiirola?
Mihin kellonaikaan lähtee seuraava juna Pasila Autojuna-asemalta Helsinkiin?	Ref: What time is the next train from Pasila Autojuna-asema to Helsinki? MT: What time is the next train from Pasila Autojuna-Asema to Helsinki?
Tornio-rajalle	Ref: To Tornio-Raja MT: Tornio-border
Milloin lähtee seuraava juna Helsingistä Ylöjärvelle?	Ref: When does the next train depart from Helsinki to Ylöjärvi? MT: When is the next train from Helsinki to Ylöjärvi?

Request deployment

NextTrain | Ma Pe (Owner) | Sig

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TRAIN SYSTEM

EVALUATE RESULTS

REQUEST DEPLOYMENT

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TRANSLATE DOCUMENTS

REQUEST DEPLOYMENT - Place a request to deploy this system.

BLEU Score for this system:
Last deployed system:
Pending deployment request:
If you are satisfied with the translation request deployment. This deployment
Once you request deployment, it could

Submit request

This site says...


Your request to deploy the translation system will be sent to Microsoft Translator Hub team. Do you want to submit the request?

OKCancel

Test system

After couple of days Your translation has been deployed and You are able to test it in Translator Hub and implement API calls to the Category ID created. If there is no activity against Your Category ID for 30-60 days, Your deployment will be removed from Translator Hub.

Pay attention to different ways of writing in Your Dictionary file, as any omitted way will not most likely to be translated correctly, including capital and non-capital letter differences.

 **Translator Hub**

Projects Documents Members Settings Help

TRANSLATION SYSTEM INFO

TrainStations [FIZEN]
Started by Ma Pe on 19 Feb 2018

Finnish to English in Travel category
(fi to en)

System #3 [Rename translation system](#)

TRAIN SYSTEM

EVALUATE RESULTS

REQUEST DEPLOYMENT

TEST SYSTEM

TRANSLATE DOCUMENTS

TEST SYSTEM - Use the system to translate sentences.

Category: XXXXXXXXXX FIZEN_TRAVEL | From : fi | To : en [\(API Guide\)](#)

From: Finnish
Milloin lähtee seuraava juna Joensuusta Kivesjärvelle?
Milloin lähtee seuraava juna Joensuusta Kivesjärvelle?
Mihin kellonaikaan lähtee juna Pasila Autojuna-asemalta Järvenpäähän?
Mihin kellonaikaan lähtee juna Pasilan autojuna-asemalta Järvenpäähän?
Mihin kellonaikaan lähtee seuraava juna Pasila Autojuna-asemalta Järvenpäähän?
Seuraava juna Tavastialta Hankoon?
Juna Leppävirroilta Koskenkorvaan?
Juna Leppäkoskelta Koskenkorvaan?
Kuukkelista Kaakkoon
Kaakosta Kuukkeliin
Kakkosesta kolmoseen
yhdestä toiseen

To: English
When is the next train from Joensuu to Kivesjärvi?
When is the next train river mouth testicle Lake?
what time is a train from Pasila Autojuna-Asema to Järvenpää?
what time is a train Pasila auto train station Lake head?
what time is the next train from Pasila Autojuna-Asema to Järvenpää?
next train 'gig to Hanko?
Train Alder flows to Koskenkorva?
Train from Leppäkoski to Koskenkorva?
Kuukkelista Southeast of
Southeast Kuukkeliin
from 2nd of 3s
from one to another

Clear All

Translate

You may see the activity through Azure portal under Your Translator Text API resource.

