

# CTSX Google Translator

The CTSX Google module performs translation via [Google Cloud Translation API](#). Google Translation API supports more than one hundred different languages, from Afrikaans to Zulu. Used in combination, this enables translation between thousands of language pairs.

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## Installation

Maven is the easiest way to install the module. Add the following dependency to your [bundle](#):

```
<dependency>
  <groupId>info.magnolia.translation</groupId>
  <artifactId>magnolia-content-translation-support-ext-google</artifactId>
  <version>${CTSExtendedVersion}</version>
</dependency>
```

In order to start the Google translation process, please make sure that the core and apps modules which mentioned in [Content Translation Extended](#) have already been installed.

## Configuration

Configuration of the Google service provider is handled in the module config. This provider can be configured with the following properties.

autoTranslationAllowed	<b>optional</b> , <i>default is false</i> When true the content review process (workflow) is bypassed.
class	<b>required</b> Definition class for the translator to be used. See <code>info.magnolia.translation.ext.provider.google.definition.GoogleProviderDefinition</code>
clientId	<b>required</b> Identifies the client application with Google.
clientToken	<b>required</b> Client secret for the client ID.
configName	<b>required</b> Identifies the configuration within Magnolia.
defaultFlag	<b>optional</b> The default configuration used by the system in the case of multiple translation services being used.
implementationClass	<b>required</b> Implementation class for interfacing with Google. See <code>info.magnolia.translation.ext.provider.google.translator.GoogleTranslator</code>

# Usage

After registration and starting, The Content Translation Support Extended (CTSX) module will bind the Google translator to Configuration field.

You can test the connection to the translator api before using.

## Choose Pages

Choose the pages that contain the i18n items before starting the process

**Page properties**

MAIN META DATA SHOW ALL

**Main**

Page title (en) Tour detail

Navigation title (en) Asian Tour

Navigation  Don't show this page in any site navigation

Window title (en) Around the world

**Meta Data**

Keywords (en) tour, asia, magnolia

Description (en) description for asian tour

English

CANCEL SAVE CHANGES

Click to 'Add to translation batch' action on action bar

magnolia

PADES

Page	Title	Template	Status	Modification date
travel	Travel Home	Travel Home	●	Sep 11, 2018 10:29 AM
tour-type	Tour Types	TourType Category Overview	●	Oct 27, 2015 4:41 PM
destination	Destinations	Destination Category Overview	●	Oct 27, 2015 7:14 PM
tour	Tour detail	Tour Detail	●	Oct 9, 2018 4:44 PM
stories	Stories	List of stories	●	Aug 10, 2017 11:31 PM
about	About	Travel Standard	●	Oct 27, 2015 7:50 PM
contact	Contact	Travel Standard	●	Sep 11, 2018 10:29 AM
meta	Container for meta pages	Travel Standard	●	Jun 4, 2015 1:37 AM
book-tour	Book your tour	Travel Standard	●	Dec 17, 2015 6:51 PM
members	Members	Travel Standard	●	Nov 25, 2015 5:37 PM
tour-finder	Tour Finder	Travel Standard	●	Mar 27, 2018 4:03 PM
tour-tag	Tagged tours	TourType Category Overview	●	Aug 2, 2017 8:06 PM
sportstation	Sportstation	Travel Home	●	Jul 1, 2015 3:44 PM

Pages

- + Add page
- X Delete page
- Preview page
- Edit page
- Rename page
- Duplicate page
- Change template
- More page
- Copy page
- Print page
- Publish
- Unpublish
- Add to translation batch
- Add page variant
- Choose published
- Preview as visitor
- Show details
- Restore version
- Compare versions
- Compare to previous version
- Export
- Import

In the 'Add to translation batch' dialog:

- Input the batch name or select a existing batch
- Check to include Dependencies and include Sub-nodes if necessary
- Select Google.com in the Configuration
- Optionally, add instructions and notes
- Click **Save Changes**

ADD TO TRANSLATION BATCH
?

Translation batch ▼  
Create new batch

Batch name \*

include Dependencies

include Sub-nodes

Source language

Target languages \* Configured languages  
 >> Selected languages  
 <<

Configuration ▼  
Google.com

Due date  31

Instructions

Notes

CANCEL
SAVE CHANGES

## Submit Batch

Open the Translation Extend app (under the Tools menu).

From the 'Batches' tab:

- Select your batch
- Edit the batch information if you want
- Click to 'Submit batch' action on action bar

Name	Created By	Incl. Sub-nodes	Attempt	Update Date	Due Date	Configuration	Status
test-empty-1	superuser	yes	—	Sep 11, 2018	3:21 PM Sep 30, 2018	11:20 AM translations.com	IMPORTED
test-empty-2	superuser	yes	—	Sep 11, 2018	3:33 PM Oct 31, 2018	3:24 PM translations.com	IMPORTED
test-empty-3	superuser	yes	—	Sep 11, 2018	4:01 PM Dec 31, 2018	3:55 PM translations.com	IMPORTED
test-mgnli-1	superuser	no	—	Sep 25, 2018	5:31 PM Sep 30, 2018	5:29 PM zip-translations.com	PROCESSING
test-mgnli-001	superuser	no	—	Sep 26, 2018	8:36 AM Oct 31, 2018	8:31 AM zip-translations.com	SUBMITTED
test-mgnli-002	superuser	no	—	Sep 26, 2018	8:47 AM Oct 31, 2018	8:43 AM zip-translations.com	SUBMITTED
test-001	superuser	no	—	Oct 1, 2018	11:01 AM Oct 31, 2018	11:01 AM zip-translations.com	PROCESSING
test-002	superuser	no	—	Oct 1, 2018	11:18 AM Oct 31, 2018	11:17 AM zip-translations.com	OPEN
test-003	superuser	no	—	Oct 1, 2018	1:06 PM Oct 31, 2018	1:05 PM zip-translations.com	OPEN
test-004	superuser	no	—	Oct 1, 2018	1:11 PM Oct 31, 2018	1:10 PM zip-translations.com	OPEN
test-005	superuser	no	—	Oct 1, 2018	1:18 PM Oct 31, 2018	1:18 PM zip-translations.com	OPEN
test-006	superuser	no	—	Oct 1, 2018	1:28 PM Oct 31, 2018	1:28 PM zip-translations.com	OPEN
test-tools-app-1	superuser	no	—	Oct 1, 2018	2:04 PM Oct 31, 2018	2:01 PM translations.com	TRANSLATED
test-mgnli-004	superuser	no	—	Oct 1, 2018	2:58 PM Oct 31, 2018	2:56 PM zip-translations.com	SUBMITTED
test-mgnli-005	superuser	no	—	Oct 1, 2018	6:01 PM Oct 31, 2018	5:59 PM zip-translations.com	SUBMITTED
test-comparison	superuser	no	—	Oct 5, 2018	4:55 PM Oct 31, 2018	4:52 PM translations.com	TRANSLATED
test-sync-translation-1	superuser	no	—	Oct 9, 2018	4:08 PM Oct 31, 2018	3:41 PM Google.com	IMPORTED
test-synchronous	superuser	no	—	Oct 9, 2018	4:46 PM Oct 14, 2018	4:45 PM Google.com	OPEN
Page /travel/tour at website for English	superuser	—	—	Oct 9, 2018	4:46 PM Oct 14, 2018	4:45 PM	OPEN
de	superuser	—	—	Oct 9, 2018	4:46 PM	—	OPEN

After The executeGetTranslationCommand running, you will get the [Pulse notification](#) for the translation result

This step can be bypassed (auto import translated content) if you set " `autoTranslationAllowed=true` "

In the 'Translation Review' dialog:

- Click to 'Assign to me' on action bar
- Can be 'Approve & Import' or Reject the task
- Click to 'Review' action for comparing the different

TASKS

MESSAGES

◀ Back

**Translation review**

Batch name test-synchronous

Repository website

Node path /PROCESSING/1539078469746

Source path /travel/tour

Translator service Google.com

From language English

To language German

Translation status TRANSLATED

Comment

**Actions**

👤 Assign to me

📌 Approve & Import

✖ Reject

---

👁 Review

Also can be 'Import' or "Reject" in the 'Comparison' tab

magnolia

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supervisor

BATCHES

COMPARISON

HISTORIES

QUEUES

Field	Original Value	Translated Value
<input type="checkbox"/> /travel/tour@title	Tour detail	Tour Detail
<input type="checkbox"/> /travel/tour@navigationTitle	Asian Tour	Asiatische Tour
<input type="checkbox"/> /travel/tour@windowTitle	Around the world	Auf der ganzen Welt
<input type="checkbox"/> /travel/tour@keywords	tour, asia, magnolia	Tour, Asien, Magnolie
<input type="checkbox"/> /travel/tour@description	description for asian tour	Beschreibung für asiatische Tour

**Actions**

➡ Import

✖ Reject

## Check result

After importing the translated content, you can open the selected page again for checking the result.

Page properties
?
↶
✕

MAIN
META DATA
SHOW ALL

**Main**

Page title (de)

Navigation title (de)

Navigation  Don't show this page in any site navigation ?

Window title (de)

**Meta Data**

Keywords (de)

Description (de)

German ▼
CANCEL
SAVE CHANGES

## Known Issues

### Too many text segments

v3.x - [EXCONTRANS-333](#) - Getting issue details... STATUS

v.2.9 - [EXCONTRANS-334](#) - Getting issue details... STATUS

In case of submitting many contents (such as the whole /travel page includes dependences), an error will be thrown as below. This is known issue as number of submitted segments is over google's threshold.

```
ERROR info.magnolia.commands.MgnlCommand: Execution is error, update to translation task item {}
com.google.cloud.translate.TranslateException: Too many text segments
Caused by: com.google.api.client.googleapis.json.GoogleJsonResponseException: 400 Bad Request {"code": 400,
"errors": [ { "domain": "global", "message": "Too many text segments", "reason": "invalid" } ], "message":
"Too many text segments"}
```

## References

- <https://github.com/ankitpopli1891/django-autotranslate/issues/6>
- <https://groups.google.com/forum/#!topic/google-ajax-search-api/ssBYeYWwpk8>
- <https://groups.google.com/forum/#!topic/google-translate-api/ssT8i1DIsIA>