API v1
Developer Guide

Important!
This version of the API is deprecated.
Please refer to the up-to-date API documentation here:
https://www.onehourtranslation.com/translation/api-documentation-v2/general-instructions

Contents

Human Translation API

One Hour Translation's API, provides direct interface to professional translation services by more than 15,000 translators.

Advantages of the Professional Translation API

- Fast - no need to login, upload files etc. Your text will be sent directly from your content management system and you will receive the translated text back again.
- Cost effective - No additional burden on your staff. Your staff can focus on their work and they do not have to deal with sending email or uploading files.
- Easy to use - As soon as implementation is complete the content is automatically sent for translation, and the translated text is automatically sent back to your content management system.
- High volume, high capacity - One Hour Translation's API is backed by One Hour Translation's community of more than 10000 professional translators. One Hour Translation's API allows any amount of text to be translated, so if you are a blogger or a news distribution agency you can use our API to translate your text.

Why One Hour Translation API?

One Hour Translation is the web's leading professional translation agency with a community of more than 10000 professional translators and more than 57 supported languages.
We provide 24/7 professional translation services with the fastest turnaround in the market. With One Hour Translation's API you will be able to translate your content directly from your content management system without any burden on your staff.
Following a quick implementation by your developers, One Hour Translation's professional translators community will be able to immediately translate any any amount of text as soon as it is posted on your system.

Who can benefit from the API?

The API is especially useful for customers with high content volume such as financial firms, new media companies, advertising agencies, commercial blogs, ecommerce sites aand other content generators. The translation API is currently used for:

- Ecommerce website translation
- SEO firms and SEO oriented websites
- iPhone & iPad application translation
- Android application translation
- Blog translation
- CMS translation

API Methods

New Translation Project

Start a new project by submitting the following request:

URL: https://<base-url>/api/1/project/new/
Method: POST
Response scheme: JSON

Requested Parameters:

Name	Description	Remarks
account_id	Your Account ID as provided by OneHourTranslation	
secret_key	Your API Secret Key as provided by One Hour Translation	
source	Source language	See supported languages
target	Target language	See supported languages
source_text	(string) The source text to be translated	See Content Formats for further information about supported content types CHANGE: previously called 'content' (backward compatible)
word_count	(integer>0) Number of words in the source text. If missing or 0, will be calculated automatically.	Optional
notes	Any additional notes for the translator.	Optional
content_type	Format of the submitted content for translation. Options are: "text/plain" - for regular text "text/xml" - for XML documentd	Optional. Default is "text/plain".
callback_url	Callback URL to receive project-related notifications	Optional
user_reference	Client's internal user reference	Optional. This field will be reported back on each callback request.
project_reference	Client's internal reference to this project	Optional. This field will be reported back on each callback request.
custom0 ... 9	Client's internal custom fields.	Optional, 1000 chars maximum. Those fields will be reported back on each callback request.

*mandatory fields are marked as bold.

Response Parameters

On success, the following parameters are returned:

Name	Description
status_code	Numerical indication of your request status
status_msg	String indication of your request status
project_id	(integer) Project ID for reference
word_count	(integer) Reported or calculated word count
credits	(integer) Credits charged

Response Example – Success:

{"status_code":0,"status_msg":"ok","project_id":2695,"word_count":432,"credits":3024}

On failure, the appropriate status_code and status_msg will be reported:

Name	Description	Remarks
status_code	Numerical indication of your request status	
status_msg	String indication of your request status	
errors	JSON formatted representation of various errors	Applicable only on fields-validation errors

Response Example - Failure (insufficient credits):

{"status_code":200, "status_msg":"insufficient credits to fullfil your request - action required"}

Response Example - Failure (fields validation):

{"status_code":103,"status_msg":"request validation failed" , "errors": {"source":"source language is missing","target":"target language is missing","content":"content is missing"}}

Get Project Details

Fetch project's details by submitting the following request:

URL: https://<base-url>/api/1/project/<project ID>/details/
Method: GET
Response scheme: JSON

Request Parameters

Name	Description
account_id	Your Account ID as provided by One Hour Translation
secret_key	Your API Secret Key as provided by One Hour Translation

*mandatory fields are marked as bold.

Response Parameters

On success, the following parameters are returned:

Name	Description	Remarks
status_code	Numerical indication of your request status	
status_msg	String indication of your request status	
project_id	(integer) Project ID for reference	
word_count	(integer) Reported or calculated word count	
source	(string) Source language	
target	(string) Target language	
credits	(integer) Credits reduced from your balance	
estimate_finish	(integer) Unix representation of estimated date and time for translation to be ready	GMT Available only when project status is "inProcess" or "disputed" and translation was not submitted (see status codes)
translation_ready	(boolean) 1 for translation has been submitted, otherwise 0.	
project_url	(string) URL to project page on OneHourTranslation website	

Get Project Content

Fetch project's content by submitting the following request:

```
URL: https://<base-url>/api/1/project/<project ID>/contents/
Method: GET
Response scheme: JSON
```

Request Parameters

Name	Description
account_id	Your Account ID as provided by One Hour Translation
secret_key	Your API Secret Key as provided by One Hour Translation

*mandatory fields are marked as bold.

Response Parameters

On success, the following parameters are returned:

Name	Description	Remarks
status_code	Numerical indication of your request status	
status_msg	String indication of your request status	
project_id	(integer) Project ID for reference	
original_content	(string) The original content	Base-64 Encoded
translated_content	(string) The translated content	Base-64 Encoded
content_type	(string) Content format	Options are: "text/plain" "text/xml"

Get Account Details

Fetch account details by submitting the following request:

URL: https://<base-url>/api/1/account/details/
Method: GET
Response scheme: JSON

Request Parameters

Name	Description
account_id	Your Account ID as provided by OneHourTranslation
secret_key	Your API Secret Key as provided by OneHourTranslation

*mandatory fields are marked as bold.

Response Parameters
On success, the following parameters are returned:

Name	Description
status_code	Numerical indication of your request status
status_msg	String indication of your request status
account_id	(integer) Account ID for reference
account_username	(string) Account owner's username
credit_balance	(integer) Credit balance

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Status and Error Codes

The following API Status and Error Codes are returned for every API request on OneHourTranslation.

Code	Message	Remarks	HTTP Code
0	"ok"		200 OK
General Request Errors			
100	"unknown request"	Malformed or not supported request	400 Bad Request
101	"unauthorized request - please include your account id and api secret key"		401 Unauthorized
102	"forbidden - you are not allowed to perform this request or api key has been revoked"		403 Forbidden
103	"request validation failed"	Usually followed by specific field error messages	400 Bad Request
Project Related Errors			
200	"insufficient credits to fullfil your request - action required"		412 Precondition Failed
201	"language pair is currently unsupported"		412 Precondition Failed
202	"unknown project id or you are not authorized to access this project"		400 Bad Request
203	"translation has not been submitted for this project yet"		412 Precondition Failed
Internal Errors			
900	"unexpected internal error"		500 Internal Server Error

Supported Languages

1. OneHourTranslation™ Language Codes comply with the ISO 639.2 standard codes with regional and dialect modifications where applicable.
2. Language Codes Encoding Standard
3. Language codes are encoded using the following mechanism:
4. Two letter ISO 639.2 language code. This is the minimal language representation.
5. Two letter regional (country) code according to ISO 3166 (optional). Most language are also represented using this code.
6. Three letter dialect representation according to the SIL-List (optional). Mostly used for Chinese dialects.
7. 's' or 't' for "Simplified" or "Traditional" Chinese (optional).

Language Codes

Language	Code	Language	Code
Albanian	sq-al	Japanese	jp-jp
Arabic	ar-sa	Kazakh	kk-kz
Bengali	bn-bd	Khmer	km-kh
Bosnian	bs-ba	Korean	ko-kp
Bulgarian	bg-bg	Lao	lo-la
Catalan	ca-es	Latvian	lv-lv
Chinese Cantonese	zh-cn-yue	Lithuanian	lt-lt
Chinese Mandarin-Simplified	zh-cn-cmn-s	Macedonian	mk-mk
Chinese Mandarin-Traditional	zh-cn-cmn-t	Malay	ms-my
Croatian	hr-hr	Norwegian	no-no
Czech	cs-cz	Pashto	ps
Danish	da-dk	Polish	pl-pl
Dari	fa-af	Portuguese Brazil	pt-br
Dutch	nl-nl	Portuguese Portugal	pt-pt
English UK	en-uk	Romanian	ro-ro
English US	en-us	Russian	ru-ru
Estonian	et-ee	Serbian	sr-rs
Farsi	fa-ir	Slovak	sk-sk
Finnish	fi-fi	Slovenian (Slovene)	sl-si
French	fr-fr	Spanish	es-es
French Canadian	fr-ca	Spanish Latin-America	es-ar
Georgian	ka-ge	Swedish	sv-se
German	de-de	Tagalog	tl-ph
Greek	el-gr	Tamil	ta-in

Hebrew	he-il	Thai	th-th
Hindi	hi-in	Turkish	tr-tr
Hungarian	hu-hu	Ukrainian	uk-ua
Indonesian	id-id	Urdu	ur
Italian	it-it	Uzbek	uz-uz
		Vietnamese	vi-vn

Project Status Statement

The following status codes refer to the project's work-flow status as represented on OneHourTranslation website.

Project Status	Remarks
waiting	Project is waiting for a translator to start working
inProcess	Translator is working on the project but no translation has been received
translationReceived	Translator is working on the project and a translation has been received
finished	Translation received and the project has been closed
canceled	Project has been canceled
disputed	Project is in process and a dispute has been submitted. Waiting for review by OneHourTranslation staff.

Content Formats

Following are the content formats that are supported by OneHourTranslation™ Remote API and may be submitted as the project's content when creating a new project.

Plain Text

The most simple, straightforward method of submitting text for translation is just by submitting the text itself. The text will be received as-is and will not be parsed or processed in any way.
Once translated, the translation will be submitted to the customer as plain text as well.
We will automatically detect if you send plain text. However, we still recommend setting the 'content_type' field to 'text/plain' on the original request as proposed in New Translation Project section.

XML

For translating complex and parameterized content we recommend using XML formatted text.
Following are some guidelines regarding XML translation:
1. We accept any XML format you submit and translate only the texts within the XML tags. Tags and tags' attributes are not translated.
2. The translated XML will maintain the same format and hierarchy of the original XML.
3. For maximum efficiency and compatibility, submitted XML should be <u>well formed</u>. If your XML contains non-standard or XML-reserved characters, we encourage you to wrap it with CDATA notation.
4. You may also submit HTML for translation. The best way to do so is to wrap it inside a XML CDATA element and add a ' type="text/html" ' attribute to the containing element. Please see below examples for HTML formatting.
5. We will automatically detect if you send XML text. However, we still recommend setting the 'content_type' field to 'text/xml' on the original request as proposed in New Translation Project section.

Examples:

The following demonstrate a simple XML document:

```
<forum>
   <thread t_id="1">
     <item item_id="1">
        <title>Hello world</title>
        <author>David</author>
        <description>This is my first post.</description>
     </item>
     <item item_id="2">
        <title>Re: Hello world</title>
        <author>Sarah</author>
        <description>Hi David, Welcome to our forum!</description>
     </item>
   </thread>
</forum>
```

We encourage wrapping translatable text with CDATA notation, to ensure correct parsing of your

XML on OneHourTranslation™ as well as parsing the translated XML on your side:

```
<forum>
        <thread t_id="1">
                <item item_id="1">
                        <title><![CDATA[Hello world]]></title>
                        <author><![CDATA[David]]></author>
                        <description><![CDATA[This is my first post.]]></description>
                </item>
                <item item_id="2">
                        <title><![CDATA[Re: Hello world]]></title>
                        <author><![CDATA[Sarah]]></author>
                        <description><![CDATA[Hi David, Welcome to our forum!]]></description>
                </item>
        </thread>
</forum>
```

To submit HTML, we recommend using the following format:

```
<forum>
        <thread t_id="1">
                <item item_id="1">
                        <title><![CDATA[Hello world]]></title>
                        <author><![CDATA[David]]></author>
                        <description type="text/html" ><![CDATA[This is my first post.]]></description>
                </item>
                <item item_id="2">
                        <title><![CDATA[Re: Hello world]]></title>
                        <author><![CDATA[Sarah]]></author>
                        <description type="text/html"><![CDATA[
                        Hi <b>David</b>, Welcome to our forum! <br />
                        We would like to refer you to our <a href="http://example.com/terms">terms and
conditions</a><br />
                        Please follow those guidelines:<br />
                        <ol>
                                <li>Always be polite.</li>
                                <li>Be patient.</li>
                        </ol>
                        ]]></description>
                </item>
        </thread>
</forum>
```

Callbacks

We currently issue callback requests for two types of events that occur on your projects: "project status changed" event and "translation submitted" event.
If a callback URL is defined on your request, a "POST" request will be submitted to the callback URL according to the event type:

1. Project Status Change - refer to "Get project details" for information about returned parameters.
2. Translation Submitted - refer to "Get project content" for information about returned parameters.

A "type" parameter will be added to the callback request for event type indication. Possible values:

1. 'status_change' - for status change event
2. 'translation_submitted' - for translation submission event