

# lengoo API Documentation

## Introduction

Base URL: <https://api.lengoo.com/v1>

Sandbox URL: <https://api.sandbox.lengoo.com/v1>

### Endpoints

Endpoint 1: Create Project - enables customers to request a translation / revision job by sending documents and/or text excerpts.

Endpoint 2: Get Project information - enables customers to receive project information and the final documents

### Authentication

The endpoints are accessible only using an API token. The API token is necessary in order to determine customer identity and perform authentication. The API token will be provided by lengoo. The authorization contains the API Token and the Customer\_ID.

Example: `uKXW0nV93234IbQxo0k2-9999` (TOKEN-CUSTOMER\_ID)

# Endpoint 1: Create Project

POST <https://api.lengoo.com/v1/projects>

## HEADER PARAMETERS

Key	Constraint	Value	Description
Authorization	Mandatory	TOKEN-CUSTOMER_ID	Specific authorization token for the customer

## BODY PARAMETERS

Key	Constraint	Value	Description
type	Mandatory	string - [TR, PR] default: TR	Type of project, TR for translation and PR for proofreading
quality	Optional	string - [PR, BU] default: PR	Quality level, PR for Premium and BU for Business
industry	Optional	string - see appendix	Abbreviation of the industry sector (type of content) of the documents
language_from	Mandatory	string - see appendix	Abbreviation of the source language of the documents/texts
languages_to	Mandatory	array - see appendix	Array of target language(s) for the documents/texts
documents	Mandatory	list - id, content and filename	List of the documents to translate, content in base64, filename and id are required and should be unique
id	Mandatory	string	Unique id for each document

content	Mandatory	string	Content of the document that should be translated in base64
filename	Optional	string	Unique filename to associate the file later
texts	Mandatory	list - id, content and filename	List of texts to translate, content should be plain text
delivery	Optional	string - [\$date YYYY-MM-DD HH:mm]	Delivery date desired, default delivery will be automatically set and calculated as standard

## EXAMPLE

```
{
  "type": "TR",
  "quality": "PR",
  "industry": "gen",
  "language_from": "en",
  "languages_to": [
    "fr",
    "de"
  ],
  "documents": [
    {
      "id": "1001",
      "content": "QW4gd2VsY2hlIMOEdcOfZXXJ1bmdl1biB2b24gQW5nZWxhIE11cmt1bCB3aXJkIG1hbiBzaWNoIGVyaW5uZXJ1LCB3ZW5u...",
      "filename": "API_Doc_Example.docx"
    }
  ],
  "texts": [],
  "delivery": "2019-10-29 12:00"
}
```

## Further Information

- The API Token and Customer\_ID for the authorization will be provided by lengoo
- For language and industry abbreviations please see the tables in the appendix
- Documents and texts are optional but you need at least either one document or one piece of text
- Filename and id should be unique

## RESPONSE

### HEADER PARAMETERS

Key	Constraint	Value	Description
Response code	Mandatory	string - see appendix or explanation	Success, error or validation code

### BODY PARAMETERS

Key	Constraint	Value	Description
id	Mandatory	string	Project ID
type	Mandatory	string - [TR, PR]	Type of project, TR for translation and PR for proofreading
quality	Mandatory	string - [PR, BU]	Quality level, PR for Premium and BU for Business
industry	Optional	string	Abbreviation of the industry sector (type of content) of the documents
language_from	Mandatory	string	Abbreviation of the source language of the documents/texts
languages_to	Mandatory	array	Array of target language(s) for the documents/texts

<b>delivery</b>	<b>Mandatory</b>	<b>array - delivery_date, level, percentage</b>	<b>Delivery information</b>
<b>delivery_date</b>	<b>Mandatory</b>	<b>string - [\$date YYYY-MM-DD HH:mm]</b>	<b>Delivery date</b>
<b>level</b>	<b>Mandatory</b>	<b>string - [standard, express]</b>	<b>standard for default date, express for self-picked date</b>
<b>percentage</b>	<b>Mandatory</b>	<b>integer - [0 - 100]</b>	<b>Express fee added to price calculated by picked deliver date</b>
<b>order</b>	<b>Mandatory</b>	<b>array - id, price, wordcount, deadline</b>	<b>Order information</b>
<b>id</b>	<b>Mandatory</b>	<b>string</b>	<b>Order ID from Lengoo</b>
<b>price</b>	<b>Mandatory</b>	<b>number</b>	<b>Price in €</b>
<b>wordcount</b>	<b>Mandatory</b>	<b>integer</b>	<b>Overall wordcount of the project</b>
<b>deadline</b>	<b>Mandatory</b>	<b>string - [\$date YYYY-MM-DD HH:mm]</b>	<b>Deadline of the order</b>

## Success Example

```
{
  "data": {
    "id": "59afcef4e27d6b8392173f00",
    "type": "TR",
    "quality": "PR",
    "industry": "gen",
    "language_from": "en",
    "languages_to": [
      "fr",
      "de"
    ],
    "delivery": {
      "delivery_date": "2019-10-29 12:00",
      "level": "express",
      "percentage": 20
    },
    "order": {
      "id": 11,
      "price": 123.23,
      "wordcount": 1230,
      "deadline": "2019-10-28 16:00"
    },
    "status": "created"
  },
  "error": {},
  "validations": []
}
```

## Error Example

```
{
  "data": [],
  "validations": [
    {
      "code": "some-validation-code",
      "message": "Some message for humans",
      "attribute": "attribute_name",
      "value": "given_value"
    }
  ],
  "error": {
    "code": "some-error-code",
    "message": "Some message for humans"
  }
}
```

## Further information

- Apart from the required validations, the following validation will be performed
- **projects/invalid-express-date** - if the user selects the express delivery, and the date is not syntactically correct
- **projects/missing-express-date** - if the user selects the express delivery, and there is no date
- **projects/incorrect-express-date** - if the user selects the express delivery, and the date does not match our rules for shipping daytime
- **projects/invalid-language-code** - if the user selects invalid ISO language codes either for source or target languages
- **projects/empty-request** - there is no data in the request (there must be at least either a document or a piece of text)
- **projects/unsupported-language-combination** - one of the language combinations selected by user is not supported by the system (it should specify which one in the response message)
- **projects/big-request** - the overall request is too big

## Endpoint 2: Get Project Information

GET [https://api.lengoo.com/v1/projects/\[projectId\]](https://api.lengoo.com/v1/projects/[projectId])

### HEADER PARAMETERS

Key	Constraint	Value	Description
Authorization	Mandatory	TOKEN-CUSTOMER_ID	Specific authorization token for the customer

### PATH PARAMETERS

Key	Constraint	Value	Description
projectId	Mandatory	string	Project ID

### Example

```
GET https://api.lengoo.com/v1/projects/5c80fedfd6e02b0018574d51
```

### Further information

- The projectId will be available after creating the project.
- The API Token and Customer\_ID for the authorization will be provided by lengoo

## RESPONSE

### HEADER PARAMETERS

Key	Constraint	Value	Description
Response code	Mandatory	integer - see appendix	Success, error or validation code



## BODY PARAMETERS

Key	Constraint	Value	Description
id	Mandatory	string	Project ID
type	Mandatory	string - [TR, PR]	Type of project, TR for translation and PR for proofreading
language_from	Mandatory	string	Abbreviation of the source language of the documents/texts
languages_to	Mandatory	array	Array of target language(s) for the documents/texts
wordcount	Mandatory	integer	Overall wordcount of the project
delivery	Mandatory	array - delivery_date, level, percentage	Delivery information
delivery_date	Mandatory	string - [\$date YYYY-MM-DD HH:mm]	Delivery date
level	Mandatory	string - [standard, express]	standard for default date, express for self-picked date
percentage	Mandatory	string - [0 - 100]	Express fee added to price calculated by picked deliver date
status	Mandatory	string	status of the project
documents	Mandatory	list - id, language, content, filename, originalFilename	List of translated documents
id	Mandatory	string or null	ID provided for text, null for documents
language	Optional	string	Language of the translated document
content	Mandatory	string	Base64 of the translated document
filename	Mandatory	string	Filename of the translated document

---

originalFilename

Mandatory

string

Filename of the original document

## Success Example

```
{
  "data": {
    "id": "5c80fedfd6e02b0018574d51",
    "type": "TR",
    "language_from": "en",
    "languages_to": [
      "fr",
      "de"
    ],
    "wordcount": 1230,
    "delivery": {
      "delivery_date": "2019-10-2019 12:00",
      "level": "express",
      "percentage": 20
    },
    "status": "done",
    "documents": [
      {
        "id": "1001",
        "language": "fr",
        "content": "QW4gd2VsY2hlIMOEdcOfZXJlbmdlbiB2b24gQW5nZWxhIE1lcmtlbCB3aXJkIGlhbiBzaWNoIGVyaW5uZXJJuLC...",
        "filename": "API_Doc_Example_fr.docx",
        "originalFilename": "API_Doc_Example.docx"
      },
      {
        "id": "1001",
        "language": "de",
        "content": "QW4gd2VsY2hlIMOEdcOfZXJlbmdlbiB2b24gQW5nZWxhIE1lcmtlbCB3aXJkIGlhbiBzaWNoIGVyaW5uZXJJuLC...",
        "filename": "API_Doc_Example_de.docx",
      }
    ]
  }
}
```

```
    "originalFilename": "API_Doc_Example.docx"
  }
]
},
"error": {},
"validations": []
}
```

## Error Example

```
{
  "data": [],
  "validations": [
    {
      "code": "some-validation-code",
      "message": "Some message for humans",
      "attribute": "attribute_name",
      "value": "given_value"
    }
  ],
  "error": {
    "code": "some-error-code",
    "message": "Some message for humans"
  }
}
```

## Further information

- The status shows the progress of the project
- The states are: in\_creation, in\_progress and done.
- When project is finished the response will include the final translated document (key: content - base64)

# Appendix

## Response Codes

Code	Description
200	Success – Your request was successful.
400	Bad Request – Your request is invalid.
401	Unauthorized – Your authorization token is wrong.
402	Forbidden – Forbidden request
403	Not Found – Request could not be found.
404	Method Not Allowed – You tried to access the endpoint with an invalid method
405	Delivery date

## Industry abbreviations

Code	Description
arch	Real estate & Architecture
car	Automotive
bio	Biotechnology
elec	Electronics & Electrical engineering
air	Aerospace
env	Environment
ener	Energy & Power generation
mech	Mechanical engineering & Manufacturing engineering
medtech	Medical engineering
it	IT & Software
med	Medical & Pharmaceutical
psy	Psychology
ero	Erotics
media	Media
tele	Telecommunications

cons	Consulting
int	Internet & E-Commerce
hr	Human ressource management
mark	Marketing & Advertising material
tour	Travel & Tourism
chem	Chemical
math	Mathematics & Physics
hum	Humanities & Social science
hist	History
pol	Politics & Administration
fin	Finance & Insurance
trans	Transportation & Logistics
eco	Business
cert	Certificates & Diplomas
leg	Legal documents & Contracts
cv	CVs & Letters of recommendation
bea	Cosmetics & Beauty
mod	Fashion & Textil manufacturing
food	Culinary & Food
spo	Sports & Health
art	Art
mus	Music
gen	General
fam	Family & Kids
gam	Games & Video Games

## Language abbreviations

Code	Description
en	English
de	German
es	Spanish
fr	French

el	Greek
it	Italian
nl	Dutch
pt	Portuguese
ru	Russian
tr	Turkish
zh	Chinese
ko	Korean
ar	Arabic
he	Hebrew
da	Danish
no	Norwegian
hu	Hungarian
sv	Swedish
ja	Japanese
en-GB	English (Britain)
en-US	English (America)
es-419	Spanish (Latin America)
es-ES	Spanish (Europe)
es-MX	Spanish (Mexico)
cs	Czech
hr	Croatian
pt-BR	Portuguese (Brazil)
pt-PT	Portuguese (Europe)
zh-Hans	Chinese (simple)
zh-Hant	Chinese (traditional)
fr-CH	French (Swiss)
de-CH	German (Swiss)
en-AU	English (Australian)
nl-BE	Flemish
lb	Luxembourgish
sk	Slovak