



SYSTRAN Presentation

Djamel MOSTEFA
djamel.mostefa@systrangroup.com



SYSTRAN Key Facts

1st MT system for intelligence service users



○ Origin

- 1968: Founded in CA (USA) by Peter Toma
- 1986: Acquisition by Gachot SA in France
- 2000: Publicly traded on Euronext
- 2014: Acquisition by CSLI (South Korea) backed by Softbank Ventures, Korea Investment & STIC Investments

○ Offices

- **Seoul:** SYSTRAN INTERNATIONAL 
- **Paris:** SYSTRAN SA 
- **San Diego:** SYSTRAN Software Inc. 
- **Joint Ventures** in Japan (with NTT Docomo) and China

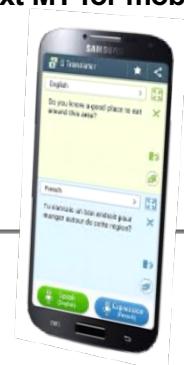
1st MT Portal for Internet users



○ Key figures

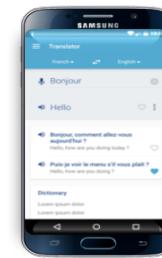
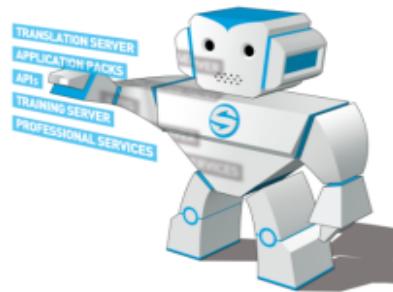
- The largest company focus on MT solutions
- +25% of the revenue invested in R&D
- SYSTRAN Group: +190 employees spread over 6 countries (including +130 R&D)

1st Speech + Text MT for mobile users



SYSTRAN

- +47 year experience on machine translation
 - A pioneer in many MT innovations (Babelfish, 1rst online translator, 1rst hybrid engines...)
 - Technology focus on natural language processing
 - +140 language pairs
- Advanced technologies - linguistics and statistics
 - New v8 hybrid engine, open and powerful
 - Deep learning (recurrent neural networks)
- High quality translation
 - Training based on customer's corporate content (custom domain)
 - Low volume for training corpus gives results
- Reuse and consistency
 - Unique solution for both self-service translation and globalization processes
 - Manage & use translation memories and terminologies
- Scalability
 - System and platform adapted to additional language pairs
 - Cloud design for very scalable throughput
- Products
 - Server Solutions for Enterprises: [Systran Enterprise Server](#)
 - Online Services: [SYSTRANLinks](#) and [SYSTRANet](#)
 - Desktop & Mobile Products: [SYSTRAN 8](#) and [Mobile products](#)
 - Platform & Development Kits : [SYSTRAN.io](#)



Recent achievements

iTranslate – embedded translators / LDK

•••• T-Mobile A 13:47 47%

< Settings Language Packs

Notice: Not all features are available in Offline Mode.

DOWNLOADED LANGUAGE PACKS

English ↔ French	358,6 MB
German ↔ English	427,1 MB
English ↔ Chinese (S)	969,4 MB
German ↔ French	310,6 MB

Delete Language Packs

AVAILABLE LANGUAGE PACKS

English ↔ Spanish	123,6 MB	
English ↔ Italian	127,2 MB	
English ↔ Portuguese	106,1 MB	
English ↔ Russian	149 MB	

Powered by SYSTRAN

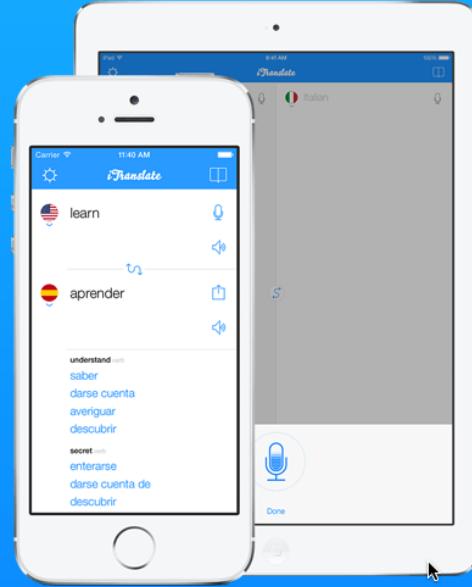
iTranslate

Facebook Twitter Support

90+ languages in your Pocket

The most popular translator on the App Store

for iPhone + iPad

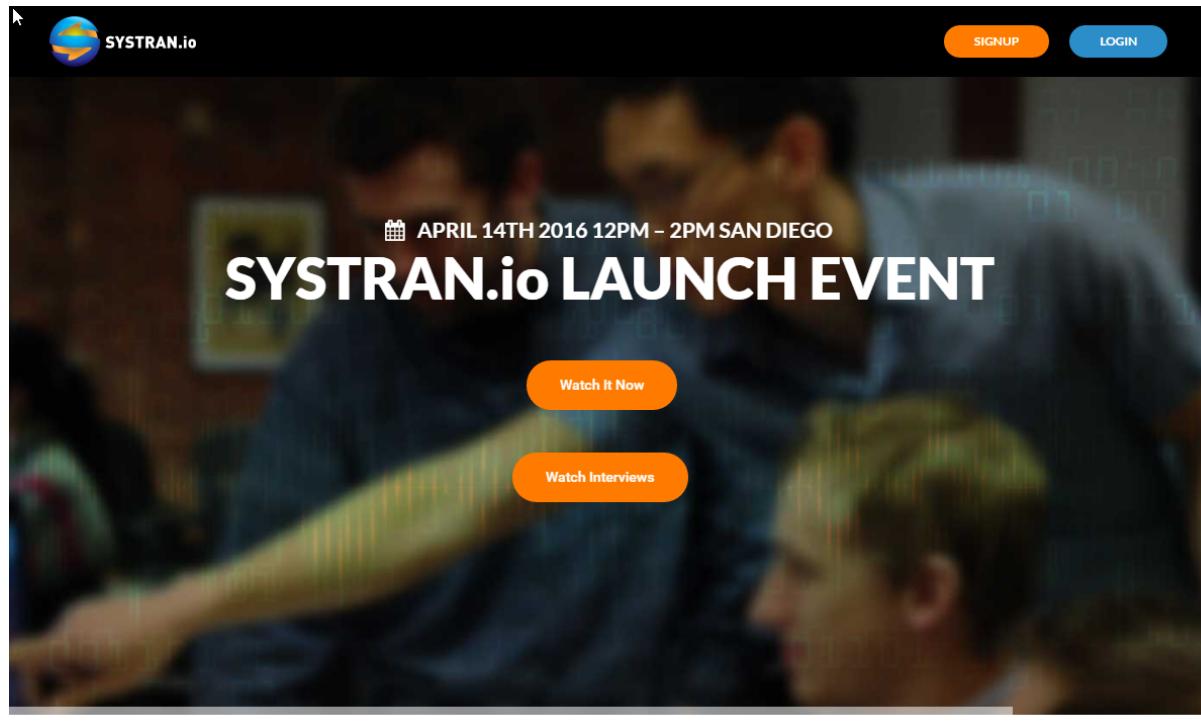


Official Launch on AppStore on June 9th

SYSTRAN Platform

URL – www.systran.io

- Production platform:
 - Console: <https://platform.io>
 - API service: <https://api-platform.systran.net/>



Introduction

- SYSTRAN Platform is a cloud product that offers all our technologies as RESTful Web Services
- SYSTRAN Platform enables to utilize and **analyze** both **structured and unstructured multilingual content**, such as user-generated content, social media, Web content and more.

- For each module, SYSTRAN Platform provides:
 - The API Reference documentation
 - Client Libraries (Python, Ruby, Java, Objective-C, ...) downloadable from GitHub, to enable quick start for developer customers
 - Sample code for a better understanding of the usage and possibilities of the API



Agenda

- Introduction
- Technologies Available
 - *Translation*
 - *Natural Language Processing*
 - *Multimodal Text Extraction*
 - *Resources Management*
 - *Geographical*
- Quick Start Guide
- In Summary

What technologies are available?

Machine Translation

[View Demos and Sample Code](#)

[Reference Documentation](#)



SYSTRAN machine translation

Translates automatically documents from one language to another

Language Support: Available for more than 100 Language Pairs, including English<>French, English<>Spanish, English<>Arabic,... [View all languages](#)

- *At First: S models will be deployed for RBMT Languages, and (M) models for SMT*
- *Later:*
 - *Domain available will also come*

What technologies are available?

- Larger language coverage



138
Language Pairs

LANGUAGE
COVERAGE

LP	English source LP	LP	English source LP (cont.)	LP	English target LP (cont.)	LP	Other than English LP
EN-AR	English-Arabic	EN-TR	English-Turkish	PS-EN	Pashto-English	FR-IT	French-Italian
EN-BN	English-Bengali	EN-UK	English-Ukrainian	PL-EN	Polish-English	FR-PL	French-Polish
EN-PT(BR)	English-Brazilian Portuguese	EN-UR	English-Urdu	PT(PT)-EN	Portuguese-English	FR-PT(PT)	French-Portuguese
EN-BG	English-Bulgarian	EN-VI	English-Vietnamese	PU-EN	Punjabi-English	FR-ZH	French-Simplified Chinese
EN-HR	English-Croatian	EN-CY	English-Welsh	RO-EN	Romanian-English	FR-ES	French-Spanish
EN-CS	English-Czech	LP		RU-EN	Russian-English	FR-ZT	French-Traditional Chinese
EN-DA	English-Danish	SQ-EN	Albanian-English	SR-EN	Serbian-English	DE-FR	German-French
EN-NL	English-Dutch	EN-FA	Arabic-English	ZH-EN	Simplified Chinese-English	DE-IT	German-Italian
EN-ET	English-Estonian	BN-EN	Bengali-English	SK-EN		DE-PT(PT)	German-Portuguese
EN-FA	English-Farsi	PT(BR)-EN	Brazilian Portuguese-English	SL-EN	Slovenian-English	DE-ES	German-Spanish
EN-FI	English-Finnish	BG-EN		SO-EN	Somali-English	EL-FR	Greek-French
EN-FR	English-French	EN-EL	Bulgarian-English	ES-EN	Spanish-English	HU-FR	Hungarian-French
EN-DE	English-German	EN-HE	Croatian-English	SV-EN	Swedish-English	IT-PT(BR)	Italian-Brazilian Portuguese
EN-EL	English-Greek	CS-EN	Czech-English	TJ-EN	Tajik (Cyrillic script)-English	IT-FR	Italian-French
EN-HE	English-Hebrew	DA-EN	Danish-English	TG-EN	Tajik (Persian script)-English	IT-DE	Italian-German
EN-HI	English-Hindi	DR-EN	Dari-English	TH-EN	Thai-English	IT-PT(PT)	Italian-Portuguese
EN-HU	English-Hungarian	NL-EN	Dutch-English	ZT-EN	Traditional Chinese-English	IT-ES	Italian-Spanish
EN-IS	English-Icelandic	ET-EN	Estonian-English	TR-EN	Turkish-English	JA-KO	Japanese-Korean
EN-ID	English-Indonesian	FA-EN	Farsi-English	UK-EN	Ukrainian-English	JA-ZH	Japanese-Simplified Chinese
EN-IT	English-Italian	FI-EN	Finnish-English	UR-EN	Urdu-English	KO-JA	Korean-Japanese
EN-JA	English-Japanese	FR-EN	French-English	VI-EN	Vietnamese-English	KO-ZH	Korean-Simplified Chinese
EN-KO	English-Korean	DE-EN	German-English	CY-EN	Welsh-English	PL-FR	Polish-French
EN-LV	English-Latvian	EL-EN	Greek-English	LP		PT(PT)-FR	Portuguese-French
EN-LT	English-Lithuanian	HE-EN	Hebrew-English	AR-FR	Arabic-French	PT(PT)-DE	Portuguese-German
EN-MS	English-Malay	HI-EN	Hindi-English	PT(BR)-FR	Brazilian Portuguese-French	PT(PT)-IT	Portuguese-Italian
EN-NO	English-Norwegian	HU-EN	Hungarian-English	PT(BR)-IT	Brazilian Portuguese-Italian	PT(PT)-ES	Portuguese-Spanish
EN-PS	English-Pashto	IS-EN	Icelandic-English	PT(BR)-ES	Brazilian Portuguese-Spanish	ZH-FR	Simplified Chinese-French
EN-PL	English-Polish	ID-EN	Indonesian-English	NL-FR	Dutch-French	ZH-JA	Simplified Chinese-Japanese
EN-PT(PT)	English-Portuguese	IT-EN	Italian-English	FR-AR	French-Arabic	ZH-KO	Simplified Chinese-Korean
EN-RO	English-Romanian	JA-EN	Japanese-English	FR-PT(BR)	French-Brazilian Portuguese	ES-PT(BR)	Spanish-Brazilian Portuguese
EN-RU	English-Russian	KO-EN	Korean-English	FR-NL	French-Dutch	ES-FR	Spanish-French
EN-ZH	English-Simplified Chinese	LV-EN	Latvian-English	FR-DE	French-German	ES-DE	Spanish-German
EN-SL	English-Slovenian	LT-EN	Lithuanian-English	FR-EL	French-Greek	ES-IT	Spanish-Italian
EN-ES	English-Spanish	MS-EN	Malay-English	FR-HU	French-Hungarian	ES-PT(PT)	Spanish-Portuguese
EN-SV	English-Swedish	NO-EN	Norwegian-English	ZT-FR		Traditional Chinese-French	
EN-TH	English-Thai						
EN-ZT	English-Traditional Chinese						

What technologies are available?

Natural Language Processing

[View Demos and Sample Code](#)[Reference Documentation](#)

Language Identification

Automatically identifies which language documents are written in, through specific word- or sentence-sample detection.

Supported languages: Detects more than 60 languages.



Named Entity Recognition

Based on the analysis of the document contents, automatically recognizes and displays person names, locations, numbers, dates and organizations names...

Supported languages: Dutch, English, French, German, Greek, Italian, Korean, Norwegian, Portuguese, Romanian, Russian, Slovene, Somali, Spanish, Swedish, Turkish

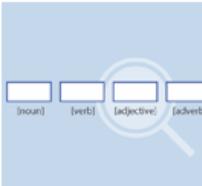


Segmentation and Tokenization

Segments text into sentences and sentences into “tokens” (minimal processing units).

Supported languages: Albanian, Arabic, Bulgarian, Catalan, Chinese Simplified, Chinese Traditional, Croatian, Czech, Danish, Dari, Dutch, English, Estonian, Finnish, French, German, Greek, Hindi, Hungarian, Icelandic, Indonesian, Italian, Japanese, Korean, Latvian, Lithuanian, Malay, Norwegian, Pashto, Persian (farsi), Polish, Portuguese, Romanian, Russian, Serbian (latin), Serbian(cyrillic), Slovak, Slovenian, Somali, Spanish, Swedish, Tajik (arabic), Tajik (cyrillic), Thai, Turkish, Ukrainian, Urdu, Vietnamese

What technologies are available?

Natural Language Processing	View Demos and Sample Code	Reference Documentation
	Transcription	<p><i>Makes transcription of words or entities between languages with different scripts</i></p> <p>Supported language pairs: <i>English<>Arabic, Chinese, Farsi, Greek, Japanese, Korean, Russian, Ukrainian, Urdu</i></p>
	Morphological Analysis 	<p><i>Provides morphological analysis for individual words, returning the list of possible lemmas and parts of speech for an inflected form</i></p> <p>Supported languages: <i>Arabic, Bulgarian, Czech, German, Dari, Greek, English, Spanish, Persian, French, Hindi, Croatian, Italian, Japanese, Korean, Dutch, Polish, Pashto, Portuguese, Punjabi, Russian, Serbo-Croatian, Slovak, Albanian, Serbian, Swedish, Tajik, Ukrainian, Urdu, Chinese</i></p>
	Part of Speech Tagging 	<p><i>Provides syntactic analysis at the sentence level, with the layers of linguistic analysis: word identification, part-of-speech tagging, and constituent and dependency analysis</i></p> <p>Supported languages: <i>Arabic, Bulgarian, Czech, German, Dari, Greek, English, Spanish, Persian, French, Hindi, Croatian, Italian, Japanese, Korean, Dutch, Polish, Pashto, Portuguese, Punjabi, Russian, Serbo-Croatian, Slovak, Albanian, Serbian, Swedish, Tajik, Ukrainian, Urdu, Chinese</i></p>

What technologies are available?

Resource Management

[View Demos and Sample Code](#)

[Reference Documentation](#)



Dictionary Management

Lets you create and manage User Dictionaries, for your own subject matter terminology to be used in translation.



Dictionary Lookup

Offers SYSTRAN dictionary lookups, with additional contextual information such as frequency of meanings, domains and contexts, expressions and examples. Search also within your Users Dictionaries, created thanks to SYSTRAN Online Dictionary manager.

Supported language pairs: SYSTRAN Built In dictionaries are available for more than 100 language pairs. [View all languages](#)



Corpus Management

Lets you create and manage bilingual corpus (Translation Memories)



Corpus Match

Searches your corpus (Translation Memory) and return exact and fuzzy matches of a given sentence

What technologies are available?

Multimodal Text Extraction

[View Demos and Sample Code](#)[Reference Documentation](#)

Text Extraction

Extracts text from various document formats for processing by other modules and Rebuilds the document with the modified or annotated text.

Supported formats: txt, html, htm, xhtml, xml, tmx, xliff, xlf, docx, pptx, xlsx, rtf, odp, ods, odt, json, po, ts, properties, resx, aspx, android xml



Speech Recognition

Converts spoken words from audio files into written text



Supported audio file formats: AAC, AIFF, ASF, FLAC, MS-Wave, MPEG, Ogg/Vorbis, Nist Sphere, Sun AU.

Supported languages: Arabic, Dutch, English, Finnish, French, German, Greek, Italian, Lithuanian, Mandarin, Polish, Portuguese, Romanian, Russian, Spanish and Turkish



Optical Character Recognition

Coming soon

Extracts text from images and scanned documents

What technologies are available?

Geographic

[View Demos and Sample Code](#)

[Reference Documentation](#)

Coming soon



Point of Interest

Searches our worldwide database for categorized points of interests around a geographical position – restaurants, hotels, sights, and many more

Event

Searches our worldwide database for events around a geographical position

Inspiration

Returns latest news and inspiration articles for travel ideas

Destination

Searches our worldwide database for touristic and practical information about a destination: Countries, Cities or Regions

data from **petit futé**

Agenda

- Introduction
- Technologies Available
- Quick Start Guide
 - *Product Tour*
 - *Free Trial*
 - *API Key Management*
 - *Interactive Reference Documentation*
 - *Client Libraries*
 - *Resource Management*
- Pricing
- In Summary

Product Tour – Anonymous user

- As anonymous user:

The screenshot shows the SYSTRAN Platform homepage. At the top, there's a navigation bar with links for "Reference", "Client Libraries", "Samples", "Sign up for a free trial", "Sign in", and a language selector. A large blue callout box points to the "Reference" dropdown menu, which is currently open, showing options like Translation, Natural Language Processing, Resource Management, Multimodal Text Extraction, and Geographic. Another blue callout box points to the "Samples" link, with text explaining it allows users to view APIs in action through simple applications and source code. A third blue callout box points to the "Sign up for a free trial" link, with text encouraging users to sign up for a free trial or sign in if they already have an account.

SYSTRAN Platform

Access Interactive Reference Documentation for all the APIs

Reference ▾ Client Libraries ▾ Samples ▾

Sign up for a free trial Sign in

Translation
Natural Language Processing
Resource Management
Multimodal Text Extraction
Geographic

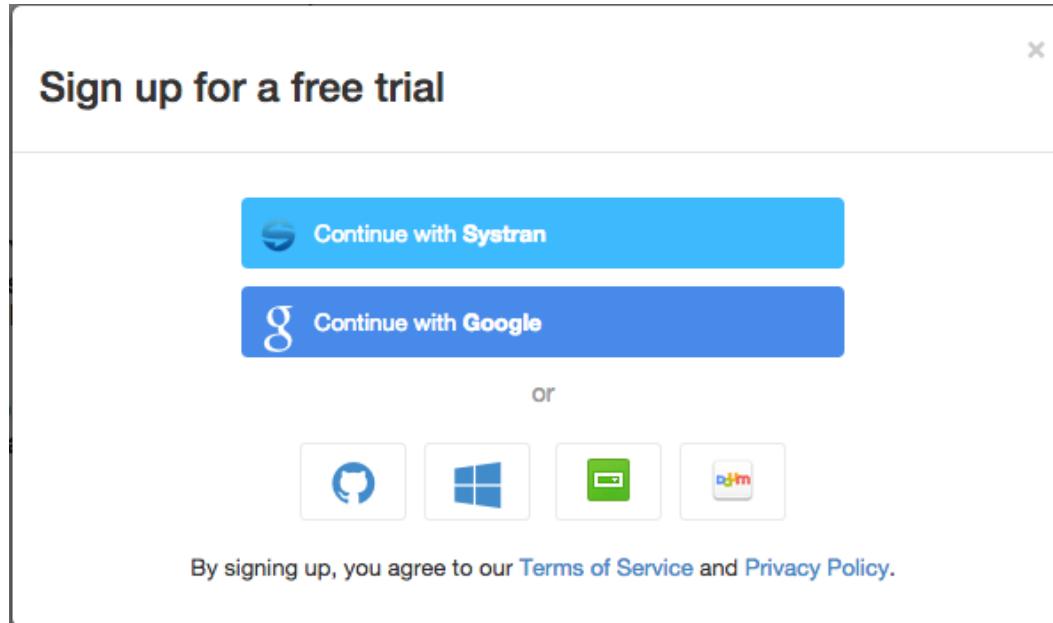
View APIs in action through simple applications and the source code associated

Sign up for a free trial or Sign in if you already have an account

Discover SYSTRAN Platform's collection of RESTful APIs and Client libraries for Machine Translation, Natural Language Processing, Text Extraction, ...

Sign up for a free trial

- Sign Up is possible by creating a SYSTRAN account, or by using existing accounts from most popular systems (Google, Github Microsoft, Naver, etc.).
- Choose the option and fill the forms to access SYSTRAN Platform console



- More accounts providers can be added in the future

Product Tour – Logged in

- Once identified, new screens appear:

The screenshot shows the SYSTRAN Platform interface. The top navigation bar includes 'SYSTRAN Platform Beta', 'Reference', 'Client Libraries', 'Samples', 'Resources Manager', and 'Administration'. A blue callout box points to the 'Administration' tab, stating: 'Administration Section enables to manage the API Keys and the subscriptions. Later: Usage Statistics and more options will come here'. Another blue callout box points to the 'Resources Manager' section, stating: 'Resources Manager: Creates User Dictionary through the user interface and call them in Translation or Dictionary Lookup'.

Administration

API Keys

Create a new API key

Key

e5fb990

Origins

Comment

Default key

Revoke Remove

API Key Management

- API Keys are necessary to use the platform Webservices, for the applications or websites that will call the platform to be authenticated
- A default 'Demo Key' is created at first connection. This one will work only when trying the 'Reference Documentation' page.
- To create other API Keys, click on 'Create' and choose a type, depending on the intended usage:

To create a Key usable from any browser or client app, choose Browser or Server and leave the referrer field empty

Create a new API key

Type

✓ Server

Browser
Android
iOS

Comment (Optional)

Accept requests from these server IP addresses (Optional)

One IP address per line. Example: 192.168.0.1
Or if you leave this blank, requests will be accepted from any address. Be sure to add IP addresses before using this key in production.

Reference Documentation

The screenshot shows the SYSTRAN Platform REST NLP API documentation. At the top, there's a navigation bar with 'SYSTRAN Platform Beta', 'Référence', 'Client Libraries', 'Samples', 'Resources Manager', and 'Administration'. A blue callout box on the left says 'Enter here the demo API Key to try the API live' and points to the 'Api key' input field in the 'Document language detection' section. Another blue callout box on the left says 'Navigate the Reference Documentation Sections to learn the API inputs, options and outputs' and points to the 'Description' and 'Parameters' sections. A blue callout box on the right says 'Display Samples of response code generated' and points to the 'Response Class (Status 200)' section, which shows a JSON sample:

```
{  
  "detectedLanguages": [  
    {  
      "language": "en",  
      "confidence": 1.0  
    }  
  ]  
}
```

Reference Documentation – Live try

SYSTRAN Platform Beta

Référence ▾

Client Libraries ▾

Samples ▾

Resources Manager ▾

Administration

Response Class (Status 200)

Model

Sample

```
{  
  "paragraphs": [  
    {  
      "detectedLanguages": [  
        {  
          "lang": "en",  
          "confidence": 0.8071783781051636  
        },  
        {  
          "lang": "fr",  
          "confidence": 0.07611940801143646  
        },  
        {  
          "lang": "nl",  
          "confidence": 0.05373134464025497  
        }  
      ],  
      "source": "Bodies from the MH17 crash are be  
    },  
    {  
      "detectedLanguages": [  
        {  
          "lang": "ja",  
          "confidence": 0.699999988079071  
        },  
        {  
          "lang": "en",  
          "confidence": 0.01714285835623741  
        },  
        {  
          "lang": "fr",  
          "confidence": 0.01714285835623741  
        }  
      ],  
      "source": "ベリリウムは原子番号4の元素。元素記号:  
    }  
  ]  
}
```

Response Content Type

application/json ▾

Try

1

Paragraph language detection

GET /nlp/lid/detectLanguage/paragraph

Language detection for each paragraph in a document.

Parameters

inputFile
(formData)

Choisissez un fichier Aucun fichier choisi

file input text

Either `input` OR `inputFile` is required

2

input
(query)

the SYSTRAN platform

string input text

Either `input` OR `inputFile` is required

callback
(query)

string Javascript callback function name for JSONP Support

- Step 1: Enter the Demo API Key

- Step 2: Fill in the fields corresponding to various parameters

- Step 3: Click on Try

Reference Documentation – Live try

As a result, both the request sent and the response are displayed

Request URL

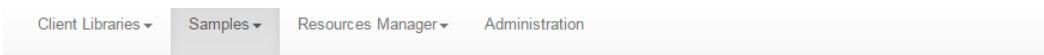
```
https://api-platform.systran.net/nlp/lid/detectLanguage/paragraph?input=the%20SYSTRAN%20platform&key=11b24376-6016-4c54-92d1-b38510286e68
```

Response Body

```
{
  "paragraphs": [
    {
      "detectedLanguages": [
        {
          "confidence": 0.6565911769866943,
          "lang": "en"
        },
        {
          "confidence": 0.427777671813965,
          "lang": "nl"
        },
        {
          "confidence": 0.2222559899091721,
          "lang": "no"
        },
        {
          "confidence": 0.2216311544179916,
          "lang": "sv"
        },
        {
          "confidence": 0.116666667163372,
          "lang": "es"
        },
        {
          "confidence": 0.116666667163372,
          "lang": "fr"
        },
        {
          "confidence": 0.116666667163372,
          "lang": "it"
        },
        {
          "confidence": 0.116666667163372,
          "lang": "pt"
        }
      ],
      "source": "the SYSTRAN platform"
    }
  ]
}
```

Samples and light demonstrations

- Browse this section to see light demos of the APIs and their source code:



Resource Management API samples

Lookup

This example shows the use of the `/resources/lookup/lookup` api to lookup a text from one language in another.

Demo

The 'Demo' section shows the results of a lookup operation. The source text 'test' is listed under the 'test' category in English. The target language is French. The results are displayed in two columns:

Category	Result
test	test /[test]/ noun (pl:tests)
test	(↳ test , testing , assay) unit test web test load test diagnostic test
essai	(↳ trial , test , testing , assay) virological test ageing test fresh tests weekly test
examen	(↳ review , examination , test , exam , consideration) written communication test driving test sight test theory test
épreuve	(↳ test , testing , assay , ordeal , hardship)

Below the results, there are four groups of French translations:

- test unitaire, test Web, test de charge, tests de diagnostic
- essais virologiques, essai de vieillissement, nouvel essai, essais hebdomadaires
- examen de communication écrite, examen de conduite, examen ophthalmologique, examen théorique

Source code

Javascript

```
/*global jQuery, Handlebars*/
jQuery(function($) {
    'use strict';

    $('body').on('click', 'a[data-toggle=collapse]', function() {
        $(this).find('i').first().toggleClass('fa-caret-square-o-down fa-caret-square-o-right');
    });

    // generate an unique Id to identify collapse links
    function generateId () {
        function s4() {
            return Math.floor((1 + Math.random()) * 0x10000)
                .toString(16)
                .substring(1);
        }
        return s4() + s4() + '-' + s4() + '-' + s4() + '-' + s4() + '-' + s4() + s4() + s4();
    }

    // Function to call the SYSTRAN Resources Api
    function lookup(source, target, content, callback) {
        $.ajax({
            method:'GET',
            url: 'https://api-platform.systran.net/resources/dictionary/lookup?key=xxxxxxxx-xxxx-xxx',
            dataType: 'text',
            data: {
                source: source,
                target: target,
                input: content
            },
            success: function(data) {
                if (typeof data === 'string')

```

Client Libraries

- To make the use of the APIs easier, SYSTRAN provides client libraries for most common languages (more to come)
- These can reduce the amount of code needed to write and make also simpler the set up of authentication through the API Key.
- Click on 'View on GitHub' and follow the instructions to set up the dev project

The screenshot shows the SYSTRAN Platform Beta website. The top navigation bar includes links for Référence, Client Libraries (which is the active tab), Samples, Resources Manager, and Administration. The main content area is titled "Translation API Client Libraries". It states that SYSTRAN Translation API can be easily used with any major programming languages: Node.js, Java, Ruby, Python. Below this, there's a section for the "Java Client Library" which is currently marked as "Coming soon". It provides a GitHub link and a command-line example:

```
git clone https://github.com/SYSTRAN/translation-api-java-client.git
cd translation-api-java-client
echo YOUR_API_KEY > apiKey.txt
mvn compile
mvn test
```

There are three "View on GitHub" buttons, one for each client library section.

Below the Java section is the "Python Client Library" section, also marked as "Coming soon". It provides a GitHub link and a command-line example:

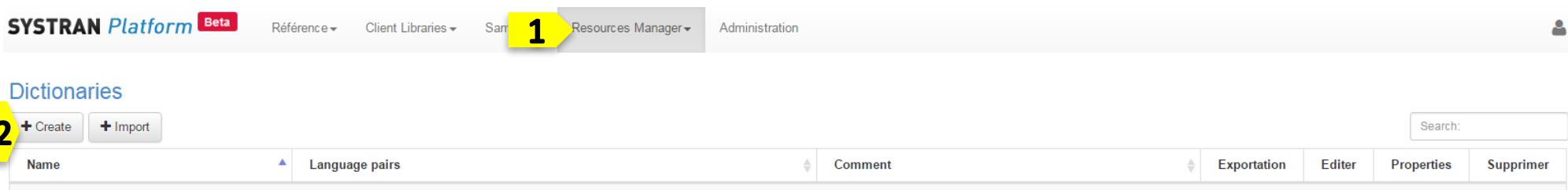
```
git clone https://github.com/SYSTRAN/translation-api-python-client.git
cd translation-api-python-client
echo YOUR_API_KEY > api_key.txt
python setup.py install
pip install nose
nosetests -v tests/
```

Finally, there is the "Node.js Client Library" section, also marked as "Coming soon". It provides a GitHub link and a command-line example:

```
git clone https://github.com/SYSTRAN/translation-api-node-client.git
cd translation-api-node-client
npm install
echo YOUR_API_KEY > apiKey.txt
node tests.js
```

Resource Management

- SYSTRAN Platform can host Linguistic Resources for the customization of Translation:
 - User Dictionaries
 - Translation Memories (Corpus)
- Resource Management can be done through the API:
`/resources/dictionary/ (import add update delete etc.)`
`/resources/corpus/ (import add update delete etc.)`
- In addition, SYSTRAN Platform provides a User Interface to directly edit or import User Dictionaries:



The screenshot shows the SYSTRAN Platform interface with a navigation bar at the top. The 'Resources Manager' tab is highlighted with a yellow arrow labeled '1'. Below the navigation bar, there is a heading 'Dictionaries' and two buttons: '+ Create' and '+ Import'. A search bar is also present. The main area displays a table with columns: Name, Language pairs, Comment, Exportation, Editer, Properties, and Supprimer. The 'Name' column is currently sorted by ascending order.

Resource Management – Dictionary Editor

The screenshot shows the SYSTRAN Dictionary Editor interface. At the top, there is a header with fields for 'Name' (MyDict 1), 'Source' (English), 'Target' (French), and a green '+ Import' button. Below the header is a table showing three entries:

Source	POS	Target	Priority	Comments	Confidence	Delete
SYSTRAN Platform	Noun	SYSTRAN Platform	High Over Rules & Expressions		<div style="width: 50%;"></div>	
car	Noun	automobile	High Over Rules & Expressions		<div style="width: 100%;"></div>	
server	Noun	serveur informatique	High Over Rules & Expressions		<div style="width: 100%;"></div>	

Below the table, it says 'Showing 1 to 3 of 3 entries'. There are buttons for 'records per page' (10), 'Previous', 'Next', and page number '1'. A blue callout box labeled 'Search Bar' points to the search bar at the top left. Another blue callout box labeled 'List of entries' points to the table area. A third blue callout box labeled 'Editing Zone' points to the bottom section where entries are listed with status icons (Success or Error) and a 'Do not translate' checkbox. A fourth blue callout box labeled 'Activity Log' points to the bottom right corner.

Dictionary Editor

Name: MyDict 1 Source: English Target: French + Import

Source	POS	Target	Priority	Comments	Confidence	Delete
SYSTRAN Platform	Noun	SYSTRAN Platform	High Over Rules & Expressions		<div style="width: 50%;"></div>	
car	Noun	automobile	High Over Rules & Expressions		<div style="width: 100%;"></div>	
server	Noun	serveur informatique	High Over Rules & Expressions		<div style="width: 100%;"></div>	

Showing 1 to 3 of 3 entries

10 records per page Previous Next 1

Source Auto Target High Over Rules & Expressions Comments Clear Edit Add

Do not translate

Status	Source	POS	Target	Priority	Confidence
✓ Success	server	Noun	serveur informatique	High Over Rules & Expressions	<div style="width: 100%;"></div>
✓ Success	car	Noun	automobile	High Over Rules & Expressions	<div style="width: 100%;"></div>
✗ Error	SYSTRAN Platform	Noun	(Do not translate)	High Over Rules & Expressions	<div style="width: 50%;"></div>

Activity Log

Resource Management – Dictionary Editor

- Refer to SES8 documentation for more details about dictionary edition and import:

http://devwiki.systran.fr/index.php/ServerDoc:SES8_User_Guide_-_Customizing_Translation#Dictionaries

- User Dictionaries :
 - Can be called in the Translation API
 - Are added to the Look Up results

Agenda

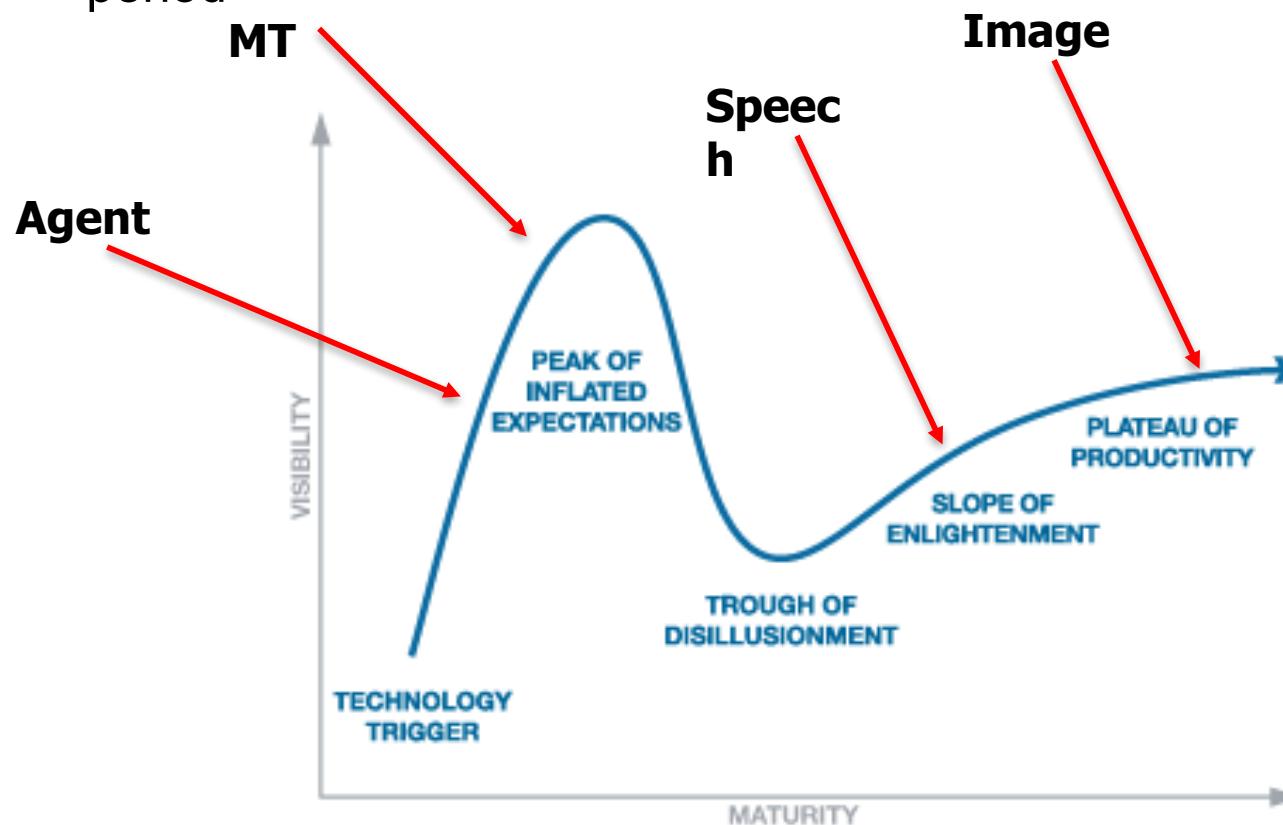
- Introduction
- Technologies Available
- Quick Start Guide
- Pricing
- In Summary

In Summary

- Towards a full featured solution set for developers:
 - **SYSTRAN Platform:** **cloud hosted** service for customers who can afford to connect their solution to the internet
 - **SES Developer Edition:** a Platform **behind a firewall**, for customers whose applications can be accessed over the internal network
 - **LDK:** for customers who needs **embedded** components, with no connectivity whatsoever to a server

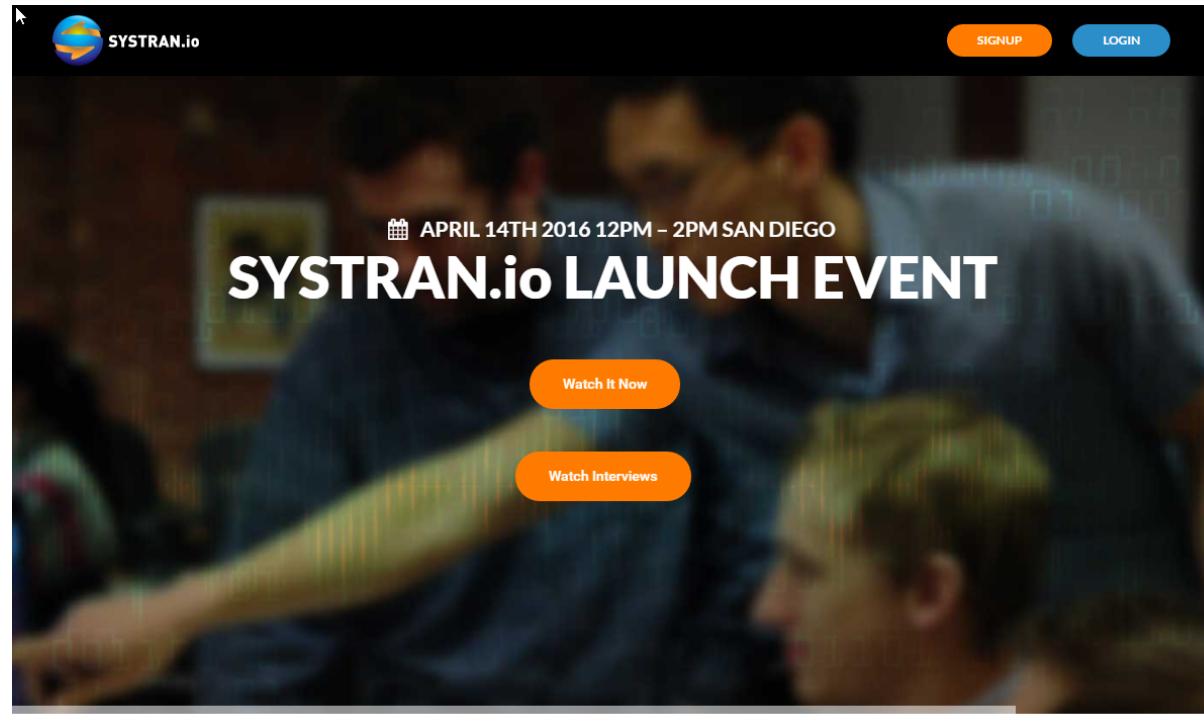
DeepLearning Challenges

- Deep Learning for MT is coming
 - No operational production-ready system yet – but we are in the “hype” period



URL – www.systran.io

- Production platform:
 - Console: <https://platform.io>
 - API service: <https://api-platform.systran.net/>



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- THANK YOU!

