

Microsoft



Microsoft® Research

Faculty Summit 2012

Riviera Maya, Mexico | May 23-25 | In partnership with CONACYT



Microsoft Translator Hub & the Mobile Travel Companion

Kristin M. Tolle, Ph.D.
Director, Microsoft Research Connections

May 24th, 2012

Statistical MT = Machine Learning Algorithms + Data

Algorithms

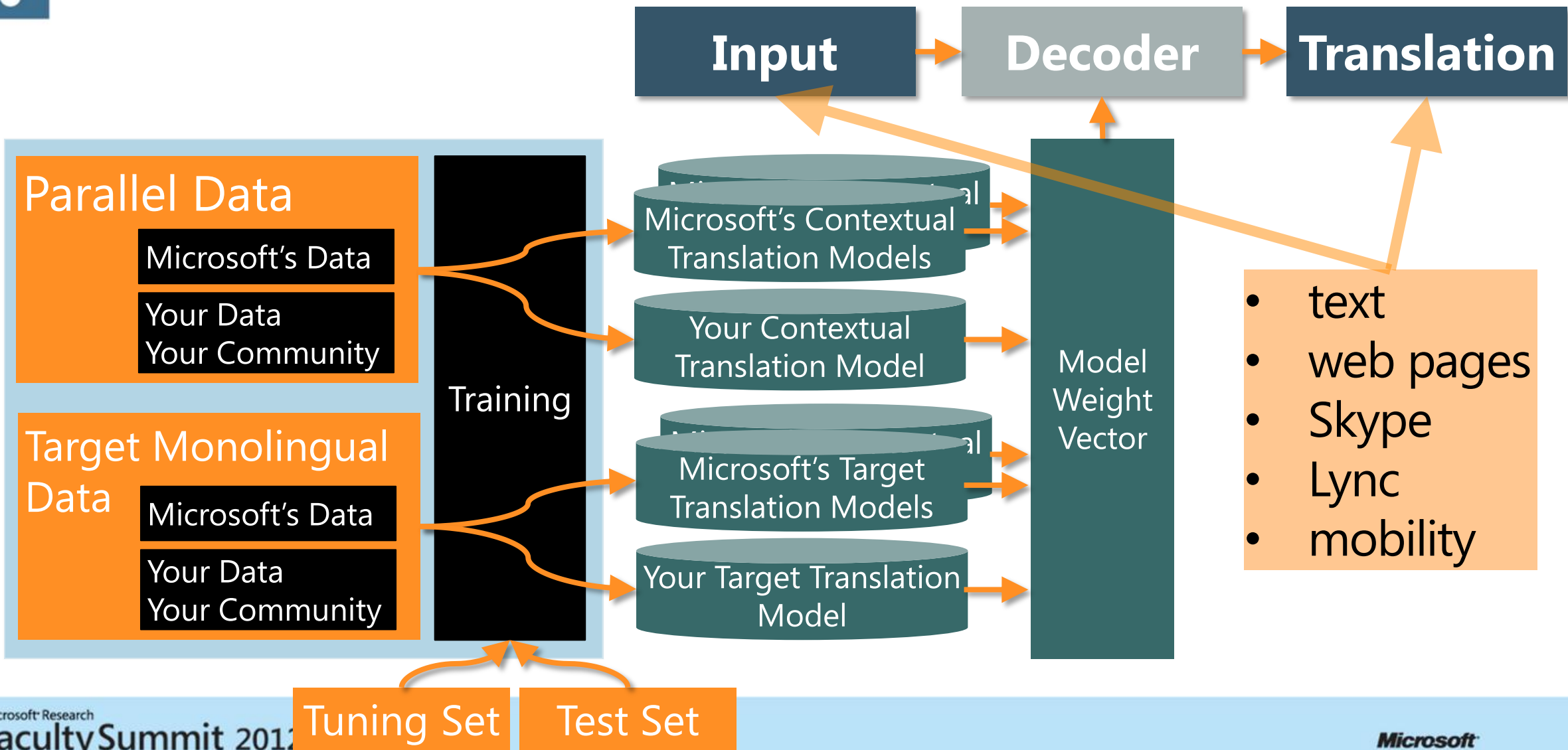
- A Decoder (the engine core)
- Multiple Translation Tables
- Multiple Target Language Models
- Efficient Training System
- Scalable, Reliable and Fast Runtime

Data

- Parallel Documents
- Target Language Documents
- Domain-Specific Parallel Documents
- Domain-Specific Target Language Documents
- User edits, votes, ranking
- Tuning Set
- Test Set

Interesting New Developments

From Training to Runtime



LWSD High-performing public schools

PARENTS Supporting your student

STUDENTS For success now and in the future

COMMUNITY Strong community, strong schools



April Staff Star: Beth Weaver, teacher, McAuliffe Elementary

Whether she is encouraging students to be involved in their school ASB or serving as a faculty representative on the PTSA board, Beth Weaver is helping Christa McAuliffe Elementary students become "Future Ready."

Go to Staff Stars

Latest News

Redmond High student receives National Merit Corporate-Sponsored Scholarship

Student among 1,000 distinguished students recognized nationwide

Lake Washington School District Teacher's Contract Extended, Calendar Set

School year ends one day later; secondary students have "transition" day

Two LWSD Students Named National Achievement Scholarship Program Winners

Nine students from Washington state recognized

Upcoming Events

05.07.2012 School Board Work Session: 5 p.m. at the Resource Center

05.07.2012 School Board Meeting: 7 p.m. at the Resource Center

05.21.2012 School Board Meeting: 5:30 p.m. at the Resource Center

05.21.2012 School Board Work Session: 7 p.m. at the Resource Center

05.25.2012 No School - LEAP Day

05.28.2012 No School - Memorial Day

06.04.2012 School Board Work Session: 5 p.m. at the Resource Center

What's New on this Site...

Secondary and elementary summer school catalogs now available

Mail-in registration begins May 14

Make online payments for fees

Convenience for junior high, high school parents

Need Assistance?

The Community Resources page has a list of community resources to support students, parents and families in our community.

How Do I...

Register a student for school?

Add money to a lunch account?

Find which school a student will attend

Learn more here

Latest News

[Redmond High student receives National Merit Corporate-Sponsored Scholarship](#) 04.19.2012

Student among 1,000 distinguished students recognized nationwide

[Lake Washington School District Teacher's Contract Extended, Calendar Set](#) 04.18.2012

School year ends one day later; secondary students have "transition" day

[Two LWSD Students Named National Achievement Scholarship Program Winners](#) 04.04.2012

Nine students from Washington state recognized

[New STEM School to be housed temporarily at Eastlake High](#) 03.29.2012

Permitting delays push building opening back

[Lake Washington School Board selects Dr. Traci Pierce as new superintendent](#) 02.28.2012

Experienced educational leader to continue current initiatives

[Calendar changes due to snow days set](#) 02.23.2012

School year extended one day; students to attend May 4

[Fourteen schools recognized with Washington Achievement Awards](#) 02.03.2012

Lake Washington High wins in three categories

Upcoming Events

05.07.2012 [School Board Work Session: 5 p.m. at the Resource Center](#)

05.07.2012 [School Board Meeting: 7 p.m. at the Resource Center](#)

05.21.2012 [School Board Meeting: 5:30 p.m. at the Resource Center](#)

05.21.2012 [School Board Work Session: 7 p.m. at the Resource Center](#)

05.25.2012 [No School - LEAP Day](#)

05.28.2012 [No School - Memorial Day](#)

06.04.2012 [School Board Work Session: 5 p.m. at the Resource Center](#)

To see all district events, see our online [Tandem Calendar](#)

What's New on this Site...

[Secondary and elementary summer school catalogs now available](#)

Mail-in registration begins May 14

[Make online payments for fees](#)

Convenience for junior high, high school parents

[Need Assistance?](#)

The Community Resources page has a list of community resources to support students, parents and families in our community.

How Do I...

Register a student for school?

Add money to a lunch account?

Find which school a student will attend

Learn more here...

Choose task



Like us on Facebook

Follow us on

Sign up for LWSD Newsletters

Your email:

GO

Translate this page Spanish

Microsoft® Translator



http://www.lwsd.org/Pages/default.aspx Lake Washington School Di...

Latest News

[Redmond High student receives National Merit Corporate-Sponsored Scholarship](#) 04.19.2012
Student among 1,000 distinguished students recognized nationwide

[Lake Washington School District Teacher's Contract Extended, Calendar Set](#) 04.18.2012
School year ends one day later; secondary students have "transition" day

[Two LWS D Students Named National Achievement Scholarship Program Winners](#) 04.04.2012
Nine students from Washington state recognized

[New STEM School to be housed temporarily at Eastlake High](#) 03.29.2012
Permitting delays push building opening back

[Lake Washington School Board selects Dr. Traci Pierce as new superintendent](#) 02.28.2012
Experienced educational leader to continue current initiatives

[Calendar changes due to snow days set](#) 02.23.2012
School year extended one day; students to attend May 4

[Fourteen schools recognized with Washington Achievement Awards](#) 02.03.2012
Lake Washington High wins in three categories

Upcoming Events

05.07.2012 [School Board Work Session: 5 p.m. at the Resource Center](#)

05.07.2012 [School Board Meeting: 7 p.m. at the Resource Center](#)

05.21.2012 [School Board Meeting: 5:30 p.m. at the Resource Center](#)

05.21.2012 [School Board Work Session: 7 p.m. at the Resource Center](#)

05.25.2012 [No School - LEAP Day](#)

05.28.2012 [No School - Memorial Day](#)

06.04.2012 [School Board Work Session: 5 p.m. at the Resource Center](#)

What's New on this Site...

[Secondary and elementary summer school catalogs now available](#)
Mail-in registration begins May 14

[Make online payments for fees](#)
Convenience for junior high, high school parents

[Need Assistance?](#)
The Community Resources page has a list of community resources to support students, parents and families in our community.

How Do I...

Register a student for school?
Add money to a lunch account?
Find which school a student will attend

Learn more here...

Choose task

[Like us on Facebook](#)

[Follow us on twitter](#)

Sign up for LWS D Newsletters

Your email:

To see all line

- Dutch
- Estonian
- Finnish
- French
- German
- Greek
- Haitian Creole
- Hebrew
- Hindi
- Hmong Daw**
- Hungarian
- Indonesian
- Italian
- Japanese
- Korean
- Latvian
- Lithuanian
- Norwegian
- Polish
- Portuguese
- Romanian
- Russian
- Slovak
- Slovenian
- Spanish
- Swedish
- Thai
- Turkish
- Ukrainian
- Vietnamese
- Spanish

Translate this page

Microsoft® Translator



[Mentor nacional \\$2,500](#)
2.500 alumnos destacados reconocieron a nivel nacional

[Eastlake alto Senior denominado a erudito presidencial](#) 05.02.2012
Monisha Gulabani uno de 141 personas mayores pendientes de secundaria de la nación

[Alto de Redmond estudiante recibe becas de National Merit Corporate-Sponsored](#) 04.19.2012
Estudiante entre 1.000 alumnos destacados reconocidos a nivel nacional

[Contrato del distrito escolar de lago Washington profesor extendido, calendario establecido](#) 04.18.2012
Año escolar termina un día más tarde; los estudiantes secundarios tienen día de "transición"

[Dos estudiantes LWSD llamados logro nacional becarios programa](#) 04.04.2012
Nueve estudiantes del Estado de Washington reconocidas

[Nueva Escuela de tallo para ser alojados temporalmente en Eastlake High](#) 03.29.2012
Retrasos que permite empujan edificio apertura atrás

[5 p.m. en el centro de recursos](#)

06.25.2012 [Reunión de la Junta de escuela: 7 p.m. en el centro de recursos](#)

06.25.2012 [MEDIO DÍA - ÚLTIMO DÍA DE ESCUELA](#)
Jardín de infantes: PM sólo atiende

Para ver todos los eventos de distrito, consulte nuestra línea [Tándem calendario](#)

¿Cómo puedo...

¿Inscribir a un estudiante en la escuela?
¿Agregar dinero a una cuenta de almuerzo?
¿Encontrar la escuela a la que asistirá el estudiante ?

Aprenda más aquí...

Elija tarea

Like us on **Facebook**

Follow us on **twitter**

Suscribase a los boletines de LWSD

Tu correo electrónico:



Traducir esta página

Microsoft® Translator



Original
 Redmond High student receives National Merit Corporate-Sponsored Scholarship

Sugerir una traducción mejor
 Alto de Redmond estudiante recibe becas de National Merit Corporate-Sponsored

Enviar Cancelar

Sugerirla como traducción mejorada

Legal | Ayuda | Invitado | Iniciar sesión

Washington profesor extendido, calendario establecido
 Año escolar termina un día más tarde; los estudiantes secundarios tienen día de "transición"

Dos estudiantes LWSO llamados logro nacional becarios programa
 Nueve estudiantes del Estado de Washington reconocidas

06.25.2012 **Reunión de la Junta de escuela, 7 p.m. en el centro de recursos**

06.25.2012 **MEDIO DÍA - ÚLTIMO DÍA DE ESCUELA**
 Jardín de infantes: PM sólo atiende

eventos de distrito, consulte nuestra línea **Tándem calendario**

¿Inscribir a un estudiante en la escuela?
 ¿Agregar dinero a una cuenta de almuerzo?
 ¿Encontrar la escuela a la que asistirá el estudiante ?

Aprenda más aquí...

Elija tarea

Like us on Facebook

Follow us on twitter

Suscríbese a los boletines de LWSO

Tu correo electrónico:
 GO



Traducir esta página Original

Microsoft® Translator



© Distrito escolar de 2012 lago Washington. Todos los derechos reservados.

El distrito escolar del lago Washington no discriminar sobre la base de raza, color, origen nacional, sexo, discapacidad, edad, género, estado civil, credo, religión, honorablemente descargada, veterano, estado militar, la orientación sexual como expresión de género o identidad, la presencia de cualquier sensorial, mental o discapacidad física o el uso de un perro guía entrenado o animal de servicio por una persona con una discapacidad, en sus programas y actividades y proporciona un acceso equitativo a los Boy Scouts y otros grupos de jóvenes designados.

[Declaración de política completa](#)



Community Results: LWSD

Lake Washington School District currently has about 30 volunteer parents.

Arabic (1)
Chinese – Simplified (4)
Danish (1)
French (2)
German (3)
Hindi (2)
Italian (1)
Japanese (1)
Polish (1)
Portuguese (1)
Russian (5)
Spanish (7)
Thai (1)
Turkish (1)

- Reward editors
 - API counts edits and maintains leaderboard
- No spamming has happened to date

Jueves 17 de mayo de 2012.

01 800 822-2628 Lada sin Costo

BUSCAR



UNIVERSIDAD ANÁHUAC CANCÚN

Torneo Interno Fútbol 7

- INICIO
- Nuestra Universidad
- Aspirantes
- Oferta Académica
- Vida Universitaria
- Servicios
- Noticias
- Contacto



Más noticias



Participan estudiantes en Congreso de Turismo religioso . - Del 23 al 2...



Viaje de integración de la Escuela de Psicología . - Alumnos de...



Imparten taller sobre retórica visual . - La Escuela...

Eventos Anáhuac

Celebración por el Día del Maestro **May 18**
14:00 a 21:00 hrs

Diplomado de formación docente para profesores de la Universidad. **May 19**
9:00 a 14:00 hrs

Conferencia: RSE: tendencias y nuevos modelos internacionales. **May 31**
19:00 a 21:00 hrs

Ceremonia de graduación de la Escuela de Comunicación y de la Escuela de Negocios **Jun 14**
19:00 a 21:00 hrs



UNIVERSIDAD ANÁHUAC

CANCÚN

INICIO

Nuestra
Universidad

Asp



- Back
- Forward
- Save Background As...
- Set as Background
- Copy Background
- Select All
- Paste
- Blog with Windows Live
- E-mail with Windows Live
- Translate with Bing
- All Accelerators ▶
- Create Shortcut
- Add to Favorites...
- View Source
- Encoding ▶
- Print...
- Print Preview...
- Refresh

BUSCAR

Curso de Buceo

Vida Universitaria | Servicios | Noticias | Contacto

Eventos Anáhuac

Celebración por el Día del Maestro **May 18**

...ción docente para **May 19**
...rsidad.

...ndencias y nuevos **May 31**
...es.

...ción de la Escuela **Jun 14**
...de la Escuela de

Auto-Detect English



[Translate this page](#)

Powered by Microsoft® Translator

Translate URL

Spanish (Auto-Detected)

English




Views    

Translated 100%

Mouse over text to see original

[Go to original page](#)









Jueves 17 de mayo de 2012.

   01 800 822-2628
* Lada sin Costo



BUSCAR

www.anahuaccancun.edu.mx/noticias-detalle.php?id=210#contenido - Translator - Windows Internet Explorer

 Favorites |  Online Math and Statistics... |  Casein - Wikipedia, the fre... |  Upgrade Your Browser |  Suggested Sites

Translate URL

Spanish (Auto-Detected)

English




Views    

Translated 100%

Mouse over text to see original

[Go to original page](#)

Jueves 17 de mayo de 2012.

   01 800 822-2628
* Lada sin Costo



UNIVERSIDAD ANÁHUAC CANCÚN

BUSCAR



INICIO | Nuestra Universidad | Aspirantes | Oferta Académica | Vida Universitaria | Servicios | Noticias | Contacto



What about languages that
are not yet supported?

La eliminación definitiva de la libertad de expresión fue
la pérdida de una lengua - John Ralston Saul

Microsoft®

Translator Hub

<http://hub.microsofttranslator.com>

- Enables companies, language communities and educators to build **custom, private, domain specific, web accessible** automatic translation models.
- **Empowers** users to build translation systems independently.
- **Free** web service application that **leverages** Microsoft Translator's Machine Learning algorithms and massive language data sources.
- APIs and guides for developers – SOAP, AJAX, HTTP, and OData

Working with Communities to Build Models



Dr. Phong Yang
CSU Fresno, Linguistics Dept.
Hmong Community Leader

Hmong Daw:
Released on UNESCO's Intl.
Mother Languages Day
Working to preserve their
language for generations to
come.

H MONG L ANGU AGE P ARTNERS

- Home
- About
- Partners
- Images
- Videos
- Websites
- Resources
- Discussion
- Contact



ABOUT

The Hmong Translator Project started in November 2011 and is a collaborative effort between the Microsoft Research team and the Hmong community.



PARTNERS

The Hmong Language Partners is a community of individuals, organizations, and entities who want to preserve the Hmong language.



NEWS

Find out about the latest development on this project. Give us your feedback, comments and suggestions to help improve this tool.



BECOME A PARTNER

We are looking to expand our list of partners and participants. If your organization would like to take part in the development of this Hmong translator,

"Of the approximately 7,000 languages in the world, less than 100 of them have automated instant translation capabilities."

TRANSLATE

Translate this page

Spanish

Microsoft® Translator



Blogs MSDN > Blog del equipo oficial de traductor de Microsoft (y Bing Translator) > Traductor de Microsoft celebra día internacional de la madre de la lengua con el lanzamiento de Hmong

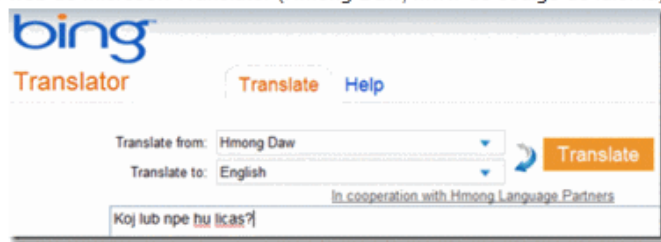
Traductor de Microsoft celebra día internacional de la madre de la lengua con el lanzamiento de Hmong



Microsoft Translator 21 De febrero de 2012 7:46 AM 10

En la celebración del [Día internacional de la madre de la lengua](#), nos complace anunciar la incorporación de la lengua Hmong a nuestra lista de los idiomas admitidos, hecha posible por una estrecha colaboración con la comunidad Hmong. Cualquiera puede probar el nuevo idioma en el sitio de [Bing Translator](#) o llamar a través del servicio de web de Microsoft Translator (Hmong Daw, mww de código de idioma). Hmong Daw es el dialecto de la etnia Hmong el sistema admite, también conocido como blanco Hmong.

Instrumentales para este esfuerzo fueron los miembros de la [Comunidad Hmong](#), fueron capaces de aprovechar las nuevas herramientas de traductor de Microsoft para ayudar a preservar y revitalizar su idioma en línea. Estas nuevas herramientas, actualmente en fase beta, habilitar soporte de traducción automática de idiomas adicionales, o sistemas de calidad superiores de edificio de terminología específica y estilo en los idiomas establecidos.



La adición de la lengua de la etnia Hmong es un ejemplo de la primera hipótesis: los miembros de la comunidad utilizados existentes traducción materiales y nuevas características de Microsoft Translator para formar un nuevo motor de traducción. Esto aprovecha capacidades de aprendizaje de Microsoft Translator, que pueden aprender cómo traducir de un conjunto de documentos paralelos (mismo documento en dos idiomas), diccionarios y textos en el idioma a traducir a (Hmong en este caso). Además de enseñar el motor de un nuevo idioma, ellos también participan a miembros de la Comunidad, socios y colaboradores para crear y revisar versiones mejoradas del sistema de traducción automática y recopilar comentarios cualitativos acerca de cada sistema "capacitado". Implementación de un sistema que alcanza un cierto nivel de calidad permite su uso transparente con las API estándar de traductor de Microsoft y muchos escenarios impulsados por la API, como el widget de traducción de web. Comentarios que se generaron a través de estos escenarios pueden utilizarse de nuevo en el proceso de formación, creando un bucle virtuoso para mejorar la calidad de la traducción. Permaneced atentos para más

Translate this page Original Microsoft Translator

Tareas comunes

- Inicio de blog
RSS para comentarios
RSS para puestos

Búsqueda

Search input field

- Buscar en este blog
Buscar todos los blogs

Mensajes más recientes

A audazmente recuperaremos Going places con la app de traductor más innovadora para Windows Phone

Traductor de Microsoft celebra día internacional de la madre de la lengua con el lanzamiento de Hmong

Principales sitios va Global con traductor API

API de traductor de Microsoft ahora soporta OData, detalles de mayores volúmenes anunciados los precios

Microsoft
Translator Hub

[Log in using Windows Live ID](#)

Get started by requesting an invitation
to build your translation system

[Request an invitation](#)

Where language meets the world
Bridging languages, cultures and technology



Microsoft Translator Hub is helping smaller languages thrive by putting the power to build machine translation systems in the hands of local communities.

- K. David Harrison,
National Geographic Fellow, author and linguist

ABOUT MICROSOFT TRANSLATOR HUB

Microsoft Translator Hub empowers businesses and communities to build, improve, and deploy customized automatic language translation systems—bringing better and specialized translation quality to established languages, as well as the many native languages of the world that are not yet supported by major translation providers.

Powered by Windows Azure, Microsoft Translator Hub is an extension of the Microsoft Translator platform and service. You can build a superior translation system easily, within a private website, by combining your translated documents with the power of Microsoft Translator's big data back end. Once you are satisfied with your translation, you may share it publicly on the web.

- ### MORE INFORMATION
- Microsoft Translator Hub Overview
 - Microsoft Translator Hub Forum



VIDEOS



Create Project

A project allows you to build a new translation system between two languages using a terminology & style of your choice.

[View Help](#)

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.

*Required

Create Project



- Manage Projects
- Manage Documents
- Create Project
- Request Language
- Reviewer Dashboard

Microsoft Translator Hub

Create Project

Project Name:*

Description:

A project allows you to build a new translation system between two languages using a terminology & style of your choice.

[View Help](#)

Source Language:*

Target Language:*

Category:

Category Descriptor:

*Required

- Slavey, North
- Slavey, South
- Slavonic, Old Church
- Slovak
- Slovenian
- Solos
- Somali
- Songhay
- Songhay, Koyra Chiini
- Songhay, Koyraboro Senni
- Sora
- Sorbian, Upper
- Sotho, Northern
- Sotho, Southern
- Southwestern Caribbean Creole English
- Spanish**
- Sranan
- Suena
- Suku Batin
- Sukuma
- Sumo Tawahka
- Surchi
- Susu
- Svan
- Swabian
- Swahili
- Swedish
- Syriac
- Tabaru
- Tadaksahak

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

Create Project

Nearly 1300 languages presently listed, including many regional indigenous languages

Create Project

A project allows you to build a new translation system between two languages using a terminology & style of your choice.

[View Help](#)

Project Name:*

Description:

Source Language:*

Target Language:*

Category:

Category Descriptor:

- General
- Agriculture
- Animals
- Arts & Entertainment
- Automotive
- Beauty
- Business
- Chemicals
- Clothing
- Custom
- Education
- Electronics
- Energy, Water and Utilities
- Financials
- Fine Arts
- Food
- Geography, Anthropology
- Government
- Healthcare
- History
- Home & Garden
- Internet
- Language
- Law
- Literature
- Medicine
- Military Science
- Music
- Philosophy
- Political Science
- General

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

*Required

Create Project 

For developing custom, domain specific models.

Great for education and socially relevant applications.

Create Project

A project allows you to build a new translation system between two languages using a terminology & style of your choice.

The project "Español to English" has been created successfully

You can now go to one of the pages listed below to continue work on your project:

- Setup Training page:** Define how and on which data you want to train your translation system. [\(Read more about setting up a training\)](#)
- Invite Member page:** Invite people in your organization or community to work with you on this project, and assign roles. [\(Read more about user roles\)](#)

Add files for training

Invite community and co-owners.



Search this website

Home Explore Windows Products Shop Downloads

Internet Explorer home Features Compare browsers Videos

Discover Internet Explorer 9

Internet Explorer 9 features

Fast

Performance improvements

Clean

New Tab page

Notification Bar

One Box

Pinned Sites

Tab enhancements

Web-focused browsing

Windows 7 integration

Trusted

ActiveX Filtering

Add-on Performance Advisor

Compatibility View

Cross-site scripting filter

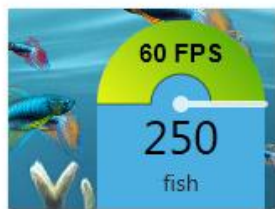
Domain highlighting

Download Manager

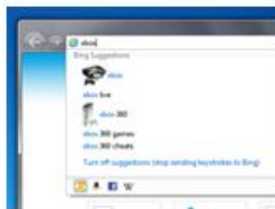
InPrivate Browsing

SmartScreen Filter

A more beautiful we



All-around fast
Fast and responsive web experiences for Windows.



One Box
Go to a web address or start a search—all from the same place.



Buscar en este sitio web

Página principal Explorar Windows Productos Comprar Descargas Ayuda y procedimientos

Página principal de Internet Explorer Características Comparar exploradores Sugerencias Descargar Ayuda

Descubre Internet Explorer 9

Características de Internet Explorer 9

Rápido

Mejoras en el rendimiento

Sencillo

Página Nueva pestaña

Barra de notificación

One Box

Sitios anclados

Mejoras de pestañas

Navegación centrada en Internet

Integración con Windows 7

Seguridad

Filtrado ActiveX

Asesor de rendimiento de complementos

Vista de compatibilidad

Filtro de scripts de sitios

Resultado de dominios

Una nueva forma de disfrutar la Web



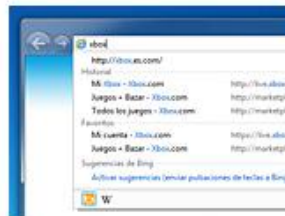
Rapidez en todo
Una experiencia web más rápida y con mejor respuesta para Windows.



Centrado en tus sitios web
El nuevo navegador hace posible que los sitios web desplieguen todos sus encantos.



Perfecta integración con Windows 7
Sitios anclados, Jump Lists y más: todo funciona conjuntamente.



One Box
Ve a una dirección web o inicia



Sitios anclados
Accede a tus sitios favoritos con



Filtro SmartScreen
Protección integrada para

View Training Results

See the training results, review translations for accuracy, clone it to modify & resubmit or deploy your translation system.

[View Help](#)

Español to English

Language Pair : Spanish to English | Category : General

Training Name :	Training #2
Status :	Deployed
BLEU Score :	30.97
Use Microsoft models :	Yes

Related Tasks

- [Review translations](#)
- [Clone this training](#)
- [Test translations](#)

Training **Tuning (Auto)** **Testing (Auto)**

Search training documents...

Total aligned sentence count: 47,742 | Total extracted sentence count: 837,868

<input type="checkbox"/>	Name	Type ▲	Extracted Sentence Count ?	Aligned Sentence Count ?
<input type="checkbox"/>	0061.pdf	Parallel	36 / 35	26
<input type="checkbox"/>	03_387.pdf	Parallel	68 / 66	62
<input type="checkbox"/>	05_bw_broch.pdf	Parallel	33 / 33	29
<input type="checkbox"/>	05broch.pdf	Parallel	33 / 33	31
<input type="checkbox"/>	07_042b.pdf	Parallel	60 / 60	60
<input type="checkbox"/>	09_891a.pdf	Parallel	40 / 36	23
<input type="checkbox"/>	0904MN_HCBOR.pdf	Parallel	39 / 28	14
<input type="checkbox"/>	11_055.pdf	Parallel	19 / 18	14
<input type="checkbox"/>	11778.pdf	Parallel	70 / 71	66
<input type="checkbox"/>	13580-P_DWSD.pdf	Parallel	16 / 14	9
<input type="checkbox"/>	14_001.pdf	Parallel	147 / 144	125

Documents Selected in Training Dataset: 0 [download sentence files](#)

Page 109 of 143

Microsoft Translator Hub

Demo App | Kristin Tolle (Owner) | Sign out

Projects Community Help

Project Details

See list of trainings, browse to see training details or add a training.

[View Help](#)

Español to English

Language Pair : Spanish to English | Category : General

Training

[+ Add Training](#)

Name	Status	BLEU	Aligned Sentence Count			Monolingual Sentence Count	Uses Microsoft Model
			Training	Tuning	Testing		
Traini...	Succeeded	30.13	40,318	2,334	2,207	762,830	Yes
Traini...	Deployed	30.97	47,742	2,334	2,207	757,026	Yes
Traini...	Drafted	N/A	0	0	0	757,026	Yes
Traini...	Drafted	N/A	0	0	0	193,777	Yes



Microsoft Translator Hub - Test Translations - Windows Internet Explorer

http://mtcd.microsofttranslator-int.com/CommunityEngagement/TestTranslations

Microsoft Translator Hub

SampleApplication-Demo | Kristin Tolle (Co-Owner) | Sign out

Projects Community Help

Test Translations

Test your deployed translation systems.

[View Help](#)

Select Project: Hmong Translation Project

Language Pair: English to Hmong (White)

Category: General

From: English	To: Hmong (White)
How is the weather?	Li cas puas cov huab cua txias?

[Translate](#)

Category: 2297a85fa13acb51d1de76c1701e77590d565cf5_general | From : en | To : mww

Bing Translator - Windows Internet Explorer

http://www.microsofttranslator.com/

Microsoft Translator Hub - Bing Translator

Web Images Videos Shopping News Maps More | MSN Hotmail

bing MS Beta

Translator Translate Help

Translate from: English (Auto-Detected) Translate

Translate to: Hmong Daw

How's the weather?

Cas yog lub ntuj?

Enter text or webpage URL Clear All Rate this translation: ✓ ✕ ⌂

MORE FROM MICROSOFT TRANSLATOR ©

NEWS

Microsoft Translator commercial API is available via Windows Azure Marketplace. Sign up [here](#).

Community tools to customize translations and invite translators are available in the webpage widget.

Developers: The Microsoft Translator API does not accept new Bing AppIds anymore. Please use Access Tokens exclusively. Details [here](#).

Instantly internationalize your Windows 8 apps with Visual Studio 11 and Microsoft Translator. Download the Multilingual app toolkit

FOR USERS



Translate your chats in real-time, using the Windows Live Messenger bot. Learn a new language, or make new friends with TBot!

FOR DEVELOPERS



Web developers who like fine grained control over the translation experience can leverage the Javascript API underlying the Microsoft Translator widget

FOR WEBMASTERS



Enhance the webpage widget with powerful collaborative features that allow you to customize the translations to your content. Involve your community

LANGUAGE LABS



Translate any page with the simple click of a bookmark. Translation happens in place without leaving the page with this light-weight, cross-browser plugin

Review Document

File: 000_news1.txt

Shared on Friday, March 30, 2012 1:24 AM by Rahul Sharma

Language Pair : English to Hmong (White) | Category : General

Page 1

Review Hmong (White) translations of English sentences and submit alternate translations by hovering the mouse over the Hmong (White) sentence that can be improved.

[View Help](#)

English Sentence	Hmong (White) Sentence
Ex-England keepers blast plans to move goalposts LONDON, Jan 3 (AFP)	Cov neeg khawscia Askiv-qub rhoob cov kev npajsiab los tshem cov ncejhompiaj LONDON, Ibhliis 3 (AFP)
8 percent on the day to end at a record-high 3,715.	8 feem pua saum qhov hnub los xaus ntawm if qhov teetseg-siab 3,715.
Gilts were off by an average of a quarter-point, again suffering from uncertainties about the government's future.	Gilts twb yog tawmnauv losntawm ib qhov pesnrab ntawm ib bntawm cov kev tsis ib.
"President Mubarak has approved the formation of the new government," said Ganzuri.	Original Ganzuri will be 63 on January 12. Provide a better translation
Ganzuri will be 63 on January 12.	Ganzuri yuav muaj 63 xyos lub ib hlis tim 12.
The Togalese National Assembly rejected Wednesday the budget presented by the government of Edem Kodjo.	nuhfee qhov fwntawm Edem
Justice: Faruk Seif al-Nasr	
Housing: Mohamed Ibrahim Suleiman	Ganzuri yuav muaj (muaj[have]) 63 xyos lub ib hlis tim 12.
"Major markets hit their highs last year on the strength of Wall Street, but Tokyo had been lagging behind. "	ev sib xyoo kawg tabs Tokyo twb
The Suara Karya daily reported that over 10,000 structures in East and North Aceh had been damaged or destroyed.	Ganzuri yuav yog 63 saum ibhliis 2. dhaushauv 10,000 Aceh tau yog

Microsoft* Translator

Original

Ganzuri will be 63 on January 12.

Provide a better translation

Ganzuri yuav muaj 63 xyos lub ib hlis tim 12.

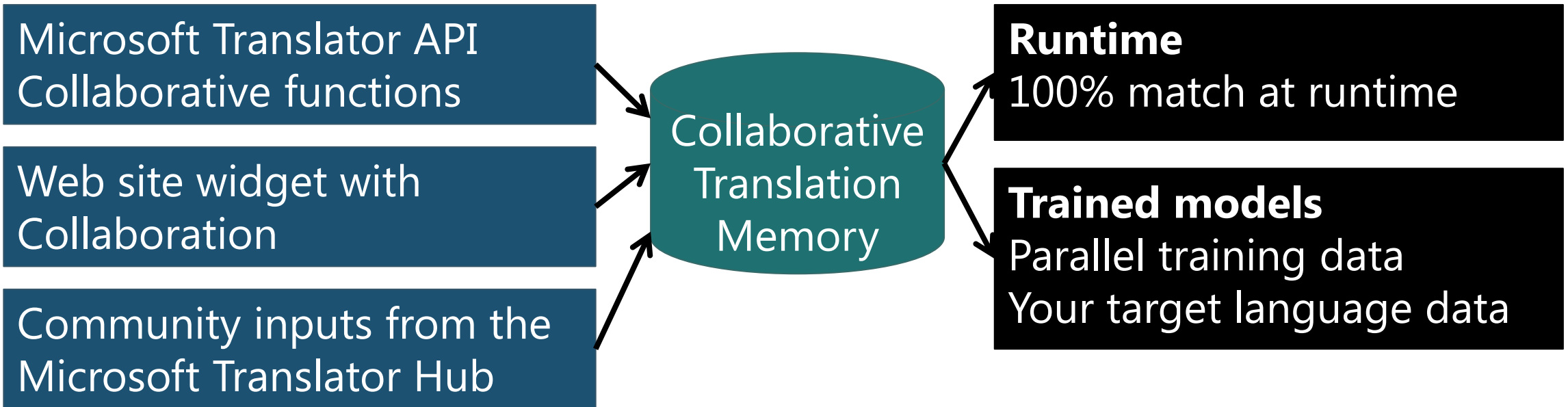
Ganzuri yuav muaj (muaj[have]) 63 xyos lub ib hlis tim 12.

Previous Next(2)

Dashboard Kristin | Sign out

Data is the Key to Machine Translation Quality

Collaborative Translation Store



- Immediate reward
- Immediate credit in leaderboard
- Immediate validation and ranking



Collaboration is the Key to Language Vitality

- User's parallel data combined with community feedback are excellent sources of in-domain training data
- Achieve good quality by combining it with Microsoft's big data.
- Microsoft Translator Widget collects data from your community
- Microsoft Translator Hub collects data from you and your community to train the best system possible.

Your Mobile Travel Companion

Translation of...

- Speech
- Live Video
- Text
- Images

using...

- Automatic Translation
- Human Aided Translation
 - via your social network

with smarts...

- location and context

implemented as a...

- Windows Phone App



Mobile Travel Companion

Your Language Navigator in Foreign Lands



TEXT



Video
Speech
Text



Translator v2 for Windows Phone



- Human-quality (offline) phrasebooks
- Trusted translations via user's social graph
- Smart features – using location & context
- Supports speech and camera input/output



KEYBOARD

type alternative

How are you?

English → Spanish



¿Cómo estás?
How are you?



Chinese Simplified → English

糖醋鱼片
Sweet and sour fish fillet

辣子鱼
Chilli peppers fish

家乡回锅肉 ...
Home twice cooked pork

宫保鸡丁
Kung pao chicken

Tap to pause.



VOICE

speak alternative

English (US) → Spanish



listen



LANGUAGES

details



Translate text and images between French and English when your phone is offline.

FRENCH LANGUAGE OFFLINE
French ⇌ English

This download may take a few minutes. To minimize data usage, we recommend you use a WiFi connection.

Size: 35682 KB

Downloading...

Translator






languages



French Language Offline
French ⇌ English

TRANSLATOR

what's new all

-  Spanish Language Offline
Spanish ⇌ English
-  French Language Offline
French ⇌ English
-  Italian Language Offline
Italian ⇌ English
-  German Language Offline
German ⇌ English
-  Chinese Language Offline
Chinese Simplified ⇌ English



view all

vi



United States



search apps and games

Discover Buy Marketplace How-to My Phone

Sign in

Apps Games

travel + navigation / language

Translator



Use your camera to translate printed text, voice recognition to translate spoken text, or the keyboard to enter text that you want to translate.

Use your phone's camera to make translating signs, menus, newspapers, or any printed text a snap. Just aim the camera at the text and see the translation in seconds.

Download languages and phrase books so you can translate text and images when your phone isn't connected to a network.

Speak a word or phrase that you want translated and hear the translations spoken in a native speaker's accent. Voice translations require a network connection.

Improve your vocabulary with the Word of the Day on the Start screen.

When you're traveling, need to overcome a language barrier, or trying to learn a foreign language, Translator is your go-to app.

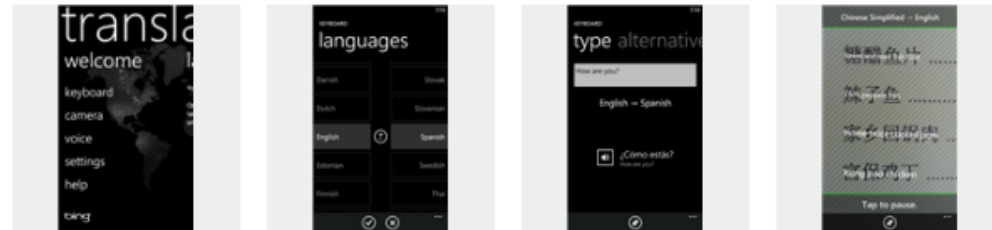
★★★★★ Ratings: 1053

Get free app

Like 280

Tweet 1

Required*:



Uso compartido más fácil, aplicaciones más inteligentes y una mejor experiencia web

Descubrir →



Questions??

Microsoft[®]

© 2012 Microsoft Corporation. All rights reserved. Microsoft, Windows, and other product names are or may be registered trademarks and/or trademarks in the U.S. and/or other countries.

The information herein is for informational purposes only and represents the current view of Microsoft Corporation as of the date of this presentation. Because Microsoft must respond to changing market conditions, it should not be interpreted to be a commitment on the part of Microsoft, and Microsoft cannot guarantee the accuracy of any information provided after the date of this presentation. MICROSOFT MAKES NO WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, AS TO THE INFORMATION IN THIS PRESENTATION.