

Creating the world's largest Translation Memory

Marco Trombetti
Translated
MT Summit XII
Ottawa, August 2009
<http://mymemory.translated.net>



About Translated

Multi Language Vendor

Localization in 80 languages, 9,000 customers

Mission

Removing administrative overhead: faster
and cost-effective. Make translators more
productive.

Focus

Web content and Information Technology

Value Proposition

Cost reduction through workflow automation

My wish-list for the perfect TM Platform

MyMemory

- Millions of segments, still FAST
- Web 2.0, Wiki-like crowd contributions
- One-click upload/download TM
- Adaptive Matching, A priori probability
- Propagate changes real-time
- Fully integrated Statistical MT
- Open standard



The Solution

The screenshot shows a web browser displaying the MyMemory website. The URL is <http://mymemory.translated.net>. The search bar contains "translate computer". The results are divided into two sections: "Computer translation" (top) and "Human translated sentences" (bottom). The "Computer translation" section lists several entries, such as "Urges using computers" and "Upgrade computer". The "Human translated sentences" section shows sentences like "Je préfère les ordinateurs portables" and "Il faut que je trouve un meilleur". Below these, there is a large list of computer-generated translations, each with a timestamp and a "Delete" link.

Free,
Collaborative
Web Translation
Memory

Barriers to contribution



Privacy and IP

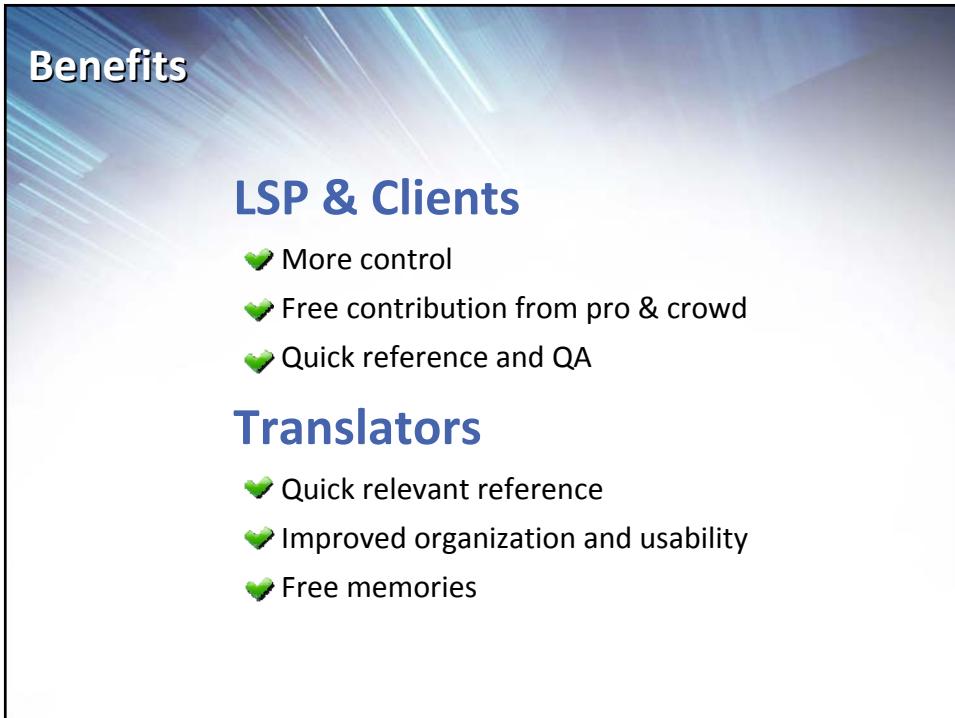
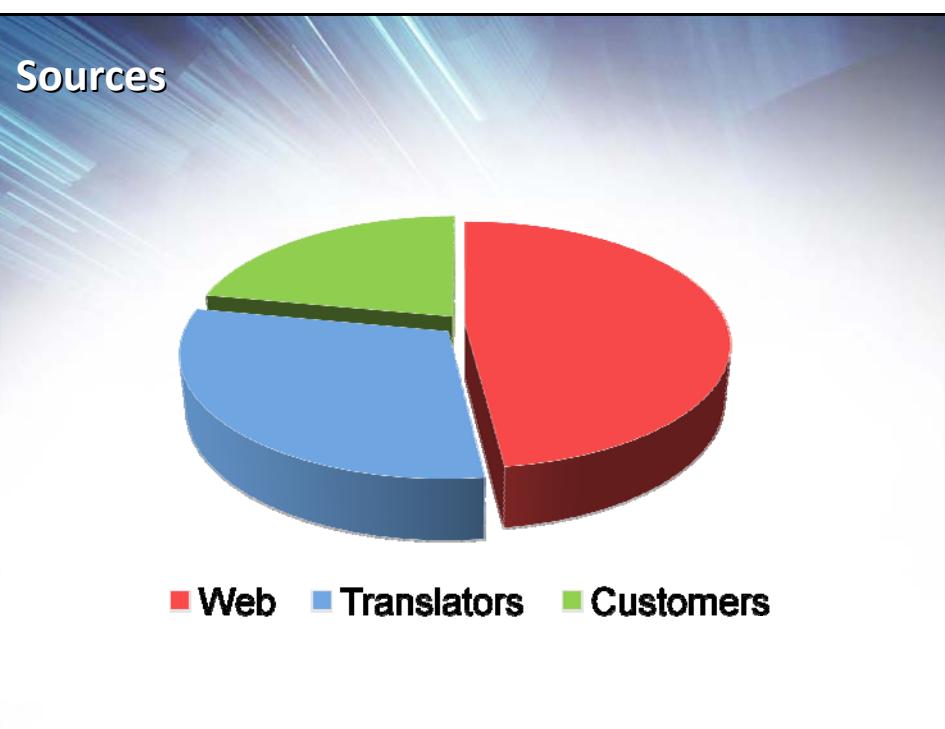


Time vs Value

Will people contribute?

Yes! 30 words per second for 1 year

1 Billion words



Technology Challenges

- ❖ Scalable Real Time Indexing
- ❖ Adaptive Ranking
- ❖ Cost-Effective Scalability

Generating the interest



Pre-Populate



Make contributions easy



Make it free

Protecting IP

- ❖ Private Memories
- ❖ Hiding Proper Nouns
- ❖ One-click report abuse

Quality

- ❖ Feedback from the crowd
- ❖ QA Correlation
- ❖ Automatic QA

Is 1 Billion words is enough?

No. HT industry produces

**Tens of billions of
words per year**

Next Step

More Data & Technology

- ❖ More data extraction from the web
- ❖ Real Time SMT training
- ❖ Open the data for free to MT developers

QA crowd platform

- ❖ Fast and Cost-effective MT Evaluation
- ❖ Parallel Corpus evaluation and clean-up

Thank you!



Questions?

Marco Trombetti | marco@translated.net

More info: <http://mymemory.translated.net/doc/>