

Multilingual solutions for content analytics in healthcare

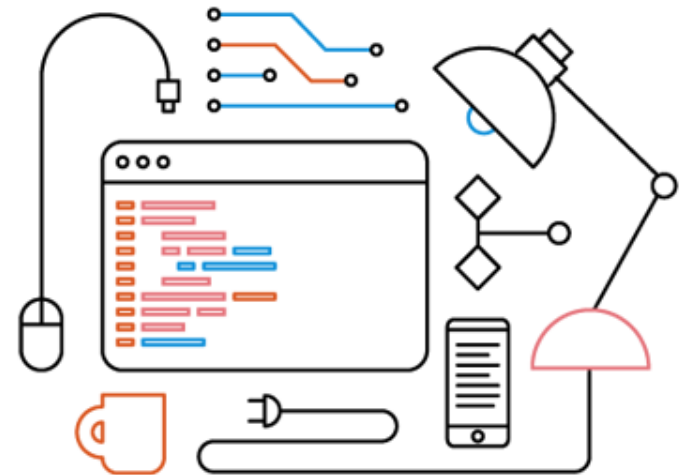
Andis Lagzdins

Lead developer

Multilingual Solutions

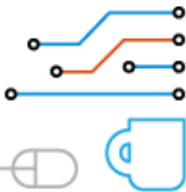
tilde.com/term

tilde.com/mt





Tilde is a leading European language technology company. For over twenty years, we have created innovative **products and services** that enable smaller languages in the digital era. We conduct cutting-edge **research** with partners all over the world. Tilde has **offices** in Latvia, Lithuania, and Estonia.



Language technologies: the solution to multilingual challenge

- LT provides an efficient way for breaking the language barriers
- LT is a key enabling technology
- LT community of industry and researcher institutions is ready to provide solutions for content analytics in healthcare

Machine Translation services

- 21 languages
- domains supporting
- numerous document/file formats

Terminology services

- Term Identification
- Term Extraction
- Term Lookup
- Term Translation

Multilingual Natural Language Processing services

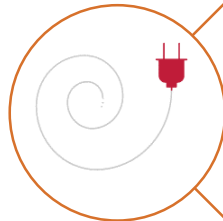
- Morphological analysis and lemmatization
- Morphological synthesis
- POS and morpho-syntactic tagging
- Language detection
- Tokenization
- Sentence breaking



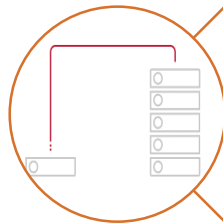
eServices

<http://www.tilde.com/services/language-technology-services>

Tilde Machine Translation



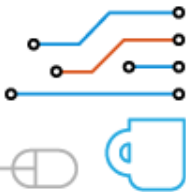
Custom MT



Domain Specific



Securely on a private cloud
or on client infrastructure



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Latvian - English (general) ▼

Translate

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Ministru kabineta noteikumi Nr.219

Rīgā 2009.gada 10.martā (prot. Nr.17 24.§)

Kārtība, kādā veicama obligātā veselības pārbaude*Izdoti saskaņā ar Darba aizsardzības likuma 15.panta pirmo daļu***I. Vispārīgie jautājumi**

1. Noteikumi nosaka kārtību, kādā veicama obligātā veselības pārbaude (turpmāk – veselības pārbaude) tiem nodarbinātajiem, kuru veselības stāvokli ietekmē vai var ietekmēt veselībai kaitīgi darba vides faktori, un tiem nodarbinātajiem, kuriem darbā ir īpaši apstākļi.

2. Noteikumi neattiecas uz veselības pārbaudēm, kas veicamas jūmiekiem, karavīriem, gaisa kuģu apkalpes locekļiem un gaisa satiksmes vadības dispečeriem, kā arī Iekšlietu ministrijas sistēmas iestāžu un ieslodzījuma vietu pārvaldes amatpersonām ar speciālajām dienesta pakāpēm.

3. Veselības pārbaudi veic personām:

3.1. kuras ir nodarbinātas vai kuras paredzēts nodarbināt darbā, kur viņu veselības stāvokli ietekmē veselībai kaitīgi darba vides faktori (1.pielikums);

3.2. kuras ir nodarbinātas vai kuras paredzēts nodarbināt darbā īpašos apstākļos – bīstamos darbos, kur pastāv augsts nelaimes gadījumu risks pašam nodarbinātajam vai apkārtējiem (2.pielikums).

4. Uz veselības pārbaudi šo noteikumu 3.punktā minētajos gadījumos nosūta:

Cabinet regulation No. 219

Riga on 2009 March 10 . No 17 24 . §)

Procedures by which mandatory health examinations shall be performed*In Programmes of the Law onlabour protection 15 , Paragraph one of***I. General questions**

1 . Regulations prescribe the procedures for mandatory health examinations (hereinafter – Health Check) those employees whose health condition affects or may affect the working environment factors harmful to health , and those employees who work there are special circumstances .

2 . Regulations shall not apply to health checks to be carried out by the sailors , soldiers , air crew and air traffic controllers as well as Ministry of the Interior system institutions and the Prison Administration officials with special service ranks .

3 . The Health checks are carried out by persons :

3.1 . who are employed or who are due to be employed in work , where their health condition is affected by the working environment factors harmful to health (Annex 1) ;

3.2 . who are employed or who are due to be employed workin special circumstances – dangerous work where there is a high accident risk to the employee himself or others (2) .

4 . These Regulations on health inspection during the 3 cases





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Latvian eGov MT

From **English** to **Latvian**

Tilde launches new cloud services for automated translation

October 29, 2014

European language technology company Tilde is launching a new set of cloud services for automated translation at the world's largest localization conference, Localization World, in Vancouver on October 30-31. To meet the translation needs of global customers, Tilde has integrated intelligent machine translation services, next generation terminology services, and a huge library of multilingual data into a single online platform.

Users can now select from several Ready-to-Use MT systems for multiple domains and language pairs, or build their own MT system using Tilde's online facilities. For organizations with specialized requirements, Tilde offers to develop Custom MT systems tailored to a customer's needs, customized with user data, and securely integrated into their platforms. Tilde CEO Andrejs Vasiljevs: "We are proud to provide a new breed of online services that unleash the power of the cloud for diverse translation needs. Our new services aim to satisfy the growing need for high quality automated translation, customized to specific requirements."

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press release.docx

Sabiedrība Tilde izsludina jaunas automatizētās tulkošanas pakalpojumi

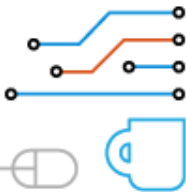
29. oktobrī, 2014

Eiropas valodas tehnoloģiju uzņēmums Tilde ir izveidojusi jaunu mākoņa pakalpojumu automatizētās tulkošanas pasaules lielākajās pasaules valūta, lokalizāciju, Vankūverā 30-31. gada oktobrī. Lai apmierinātu globālās vajadzības tulkot, Tilde ir integrētas inteligentās mašīntulkošanas pakalpojumu, nākamās paaudzes pakalpojumu terminoloģiju, un milzīga bibliotēka, daudzvalodu datus vienā tiešsaistes platforma. Lietotāji tagad var izvēlēties no vairākiem Ready-to-Use MT sistēmu valodu pāriem un vairākus domēnus, vai izveidot savas, izmantojot MT sistēmu Tildes interneta iespējas. Ar speciālas prasības, Tilde piedāvā izstrādāt pielāgotu MT sistēmas pielāgotas klienta vajadzībām pielāgotas ar lietotāja datiem, un droši integrēt savas platformas.

Tilde vadītājs Andrejs Vasiljevs: "Mēs esam lepnī, lai radītu jaunu šķirni, kas atraisītu tiešsaistes pakalpojumu enerģijas mākonis dažādas tulkošanas vajadzībām. Mūsu jaunā pakalpojuma mērķis ir apmierināt augošo pieprasījumu pēc augstas kvalitātes automatizētās tulkošanas, pielāgot specifiskām prasībām." Tilde MT ir arī jauni instrumenti, kas izraisīs revolūciju

Tilde Terminology

- Term candidate identification and extraction
- Translation candidate lookup
- Enrichment of digital content
- More than 30 languages
- Wide domain coverage



Type here to begin your term search

ADVANCED SEARCH

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NEXT GENERATION TERMINOLOGY

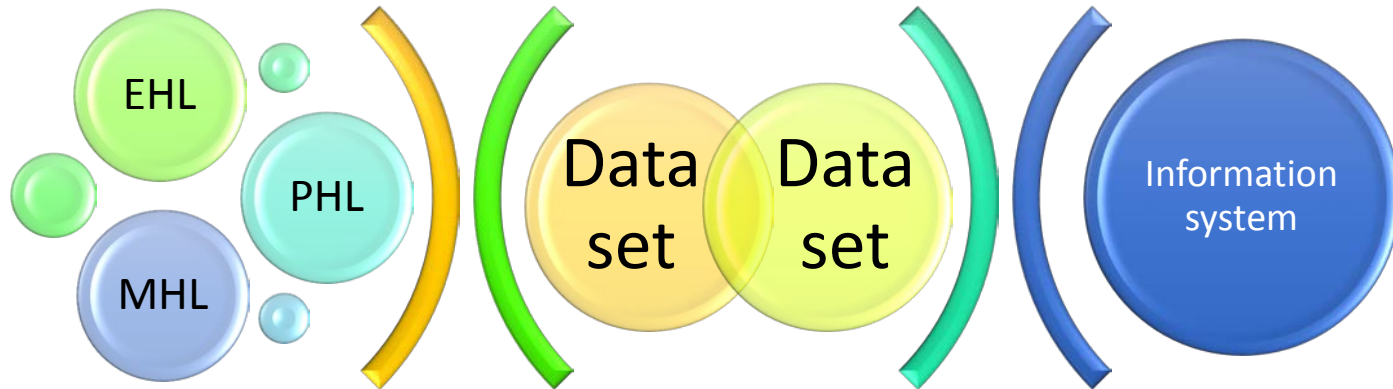
Tilde is revolutionising terminology work by embracing the power of the cloud. Our innovative online terminology services ensure clear and consistent communication with your customers across the globe. Tilde provides services that keep terminology organised by identifying terms in documents, finding relevant translations, and assembling term glossaries – all effortlessly up in the cloud.

We ensure that your terminology is fully integrated into your systems, including machine translation, computer-assisted translation, and other technologies. Welcome to the next generation of terminology work!

- ✓ Search for terms in various sources
- ✓ Identify terms automatically in documents
- ✓ Look up for translation candidates for terms
- ✓ Collaborate with colleagues
- ✓ Integrate terms in CAT and MT



Multilingual challenges everywhere



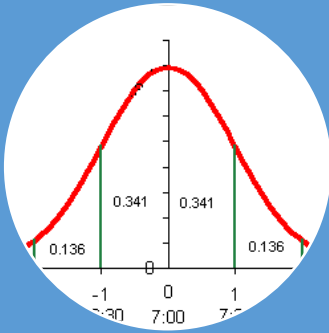
Data anonymisation

Multilingual
information
extraction

Crosslingual
information
retrieval



Data anonymisation



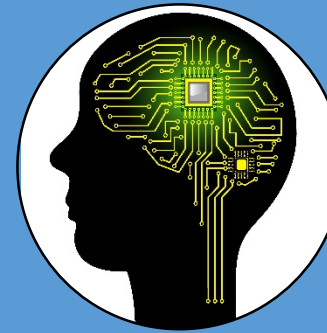
Data for
Statistical model
training

- Machine Translation
- Terminology Extraction



Data for
information
retrieval, examples,
contexts...

- Encyclopedias
- Reference systems



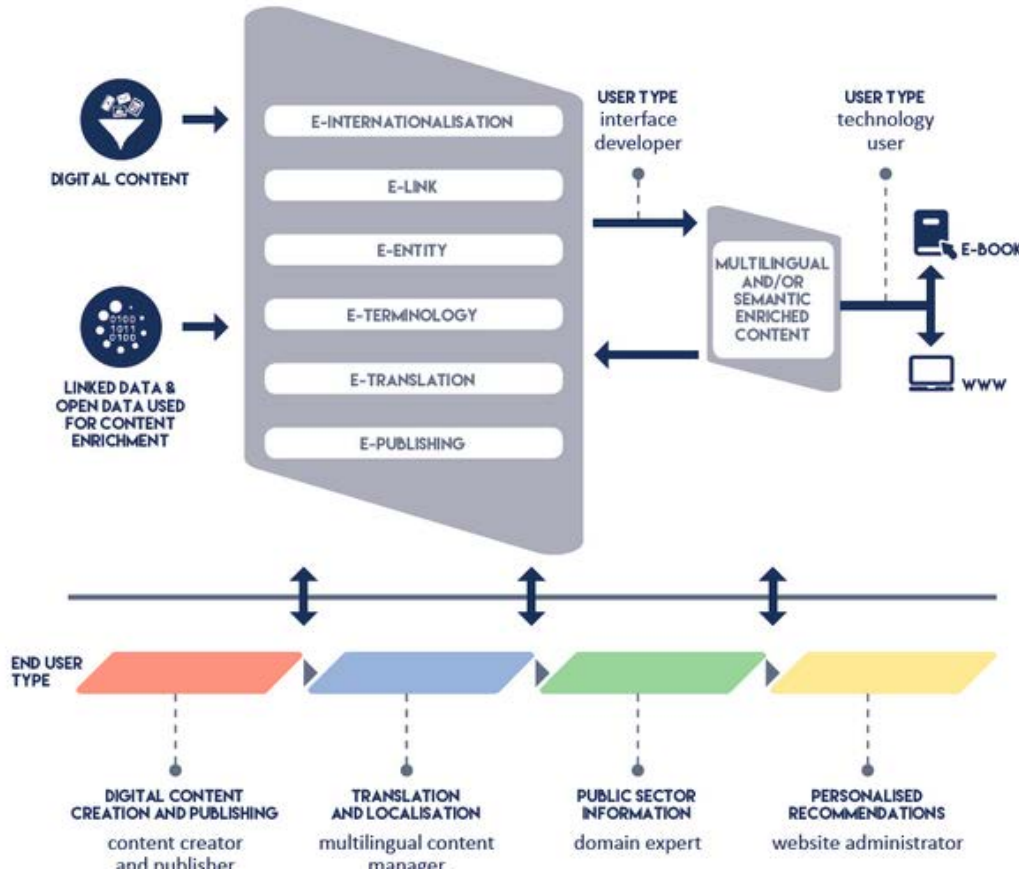
Structured data,
Linked data,
ontologies

- Intelligent Agents
- Automatic Identification Systems
- Monitoring systems

Anonymisation



Framework ready for new use cases



- Enrichment services
 - Multilingual enrichment
 - Semantic enrichment



Thank you 😊

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