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**Language technology**

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**Language technology**, often called **human language technology** (**HLT**), studies methods of how computer programs or electronic devices can analyze, produce, modify or respond to human texts and speech.[[1]](https://en.wikipedia.org/wiki/Language_technology#cite_note-1) Working with language technology often requires broad knowledge not only about [linguistics](https://en.wikipedia.org/wiki/Linguistics) but also about [computer science](https://en.wikipedia.org/wiki/Computer_science). It consists of [natural language processing](https://en.wikipedia.org/wiki/Natural_language_processing) (NLP) and [computational linguistics](https://en.wikipedia.org/wiki/Computational_linguistics) (CL) on the one hand, many application oriented aspects of these, and more low-level aspects such as encoding and [speech technology](https://en.wikipedia.org/wiki/Speech_technology) on the other hand.

Note that these elementary aspects are normally not considered to be within the scope of related terms such as [natural language processing](https://en.wikipedia.org/wiki/Natural_language_processing) and [(applied) computational linguistics](https://en.wikipedia.org/wiki/Computational_linguistics), which are otherwise near-synonyms. As an example, for many of the world's lesser known languages, the foundation of language technology is providing communities with fonts and keyboard setups so their languages can be written on computers or mobile devices.[[2]](https://en.wikipedia.org/wiki/Language_technology#cite_note-2)

**References**

 *Uszkoreit, Hans.* [*"DFKI-LT - What is Language Technology"*](https://www.dfki.de/lt/lt-general.php)*. Retrieved 16 November 2018.*

1.  [*"SIL Writing Systems Technology"*](http://software.sil.org/wstech/)*. sil.org. 11 December 2018. Retrieved 9 December 2019.*

**External links**

* [Johns Hopkins University Human Language Technology Center of Excellence](https://hltcoe.jhu.edu/)
* [Carnegie Mellon University Language Technologies Institute](http://www.lti.cs.cmu.edu)
* [Institute for Applied Linguistics (IULA) at Universitat Pompeu Fabra. Barcelona, Spain](http://www.iula.upf.edu/indexuk.htm)
* [German Research Centre for Artificial Intelligence (DFKI) Language Technology Lab](http://www.dfki.de/lt/)
* [CLT: Centre for Language Technology in Gothenburg, Sweden](http://clt.gu.se) [Archived](https://web.archive.org/web/20170410141047/http%3A/www.clt.gu.se/) 2017-04-10 at the [Wayback Machine](https://en.wikipedia.org/wiki/Wayback_Machine)
* [The Center for Speech and Language Technologies (CSaLT) at the Lahore University [sic] of Management Sciences (LUMS)](https://www.c-salt.org/)
* [Globalization and Localization Association (GALA)](http://www.gala-global.org)
* [ScriptSource, a reference to the writing systems of the world and the remaining needs for supporting them in the computing realm.](https://scriptsource.org/cms/scripts/page.php?item_id=about)
* High Performance Language Technologies (HPLT) development funded by the European Commission.[[1]](https://cordis.europa.eu/project/id/101070350)

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