

HUMBOLDT-UNIVERSITÄT ZU BERLIN



L^AT_EX for Linguists

L^AT_EX 5: Linguistic packages 1

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LOT 2019, Amsterdam

January 11, 2019

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Transcriptions with IPA

With XeL^AT_EX, you can use **Unicode characters** for your transcriptions:

You can copy the Unicode characters for transcriptions from here:

<http://ipa.typeit.org/full/>

Some fonts cannot display all Unicode characters, e.g. try to copy the Unicode characters for the following word and compile using first `lmodern` and then `libertine`.

(1) [ˈʔɛtsəndərə]

The package `tipa` offers commands for transcriptions with IPA, but it is not compatible with all other packages.

```
\usepackage{tipa}
```

tipa provides 3 ways to use IPA characters:

macros:

```
[\textglotstop{}an.\textesh{}\textinvscr{}\texttoptiebar{a\textsci{}}.\textschwa{n}]
```

```
[\textsecstress\textepsilon kspl\textschwa \textprimstress ne\textsci\textesh\textschwa n]
```

(2) [ʔan.ɸ̥aɪ.ən]

(3) [ɛksplə'neɪʃən]

groups of macros:

```
\textipa{[Pan.SK\t{aI}.\@n]}
\textipa{["Ekspɫ@neɪS@n]}
```

(4) [ʔan.ɸ̥aɪ.ən]

(5) [ɛksplə'neɪʃən]

tipa environment:

```
\begin{IPA}
[Pan.SK\t{aI}.\@n]

["Ekspɫ@neɪS@n]
\end{IPA}
```

(6) [ʔan.ɸ̥aɪ.ən]

(7) [ɛksplə'neɪʃən]

1 Transcriptions with IPA

2 Verbatim

Verbatim

If you want to **write code**, L^AT_EX provides the `verb` **command** and the `verbatim` **environment**.

```
\verb|\textbf{test}|
```

```
\textbf{test}
```

```
\begin{verbatim}
```

```
\textbf{test}
```

```
\end{verbatim}
```

```
\textbf{test}
```

With the package `listings`, **more options** for verbatim can be specified:

```
\usepackage{listings}

\lstset{
  language=TeX,
  backgroundcolor=\color{lightgray},
  basicstyle={\footnotesize\ttfamily\color{blue}},
  showstringspaces=false,
  columns=flexible
}
```

This package offers an **in-line version** with the `\lstinline` **command** and the `lstlisting` **environment**.

For the in-line version, use **characters as delimiters** for your command `\lstinline` that are not used in your code.

Exercise

Go to
<https://github.com/langsci/latex4linguists/blob/master/3-1.md>
and follow the instructions of **all blocks** in your .tex file.

Quellen I

- Link: BibT_EX – Wikipedia (German)
<https://de.wikipedia.org/wiki/BibTeX>
[Zugriff: 23.10.2017]
- Link: BibT_EX – Wikipedia (English)
<https://en.wikipedia.org/wiki/BibTeX>
[Zugriff: 11.01.2019]
- Link: BibT_EX.org
<http://www.bibtex.org>
[Zugriff: 23.10.2017]
- Link: Creating and Managing Bibliographies with BibT_EX on Overleaf – (Lian Tze Lim)
<https://www.overleaf.com/blog/532-creating-and-managing-bibliographies-with-bibtex-on-overleaf>
[Zugriff: 28.11.2017]
- Paket: natbib – Flexible bibliography support.
<https://ctan.org/pkg/natbib>
[Zugriff: 23.10.2017]

Quellen II

- Twitter: T_EX tips
<https://twitter.com/textip>
[Zugriff: 10.04.2017]
- YouTube-Tutorial: L^AT_EX Tutorial
<https://www.youtube.com/channel/UCC-3dzj6dfbWwGzQzhkUS5A>
[Zugriff: 23.10.2017]
- Link: Akzente und Sonderzeichen in L^AT_EX.
https://de.wikibooks.org/wiki/LaTeX/_Akzente_und_Sonderzeichen
[Zugriff: 10.10.2017]
- Link: L^AT_EX/Special Characters.
https://en.wikibooks.org/wiki/LaTeX/Special_Characters
[Zugriff: 02.01.2019]
- Link: CTAN – The Comprehensive T_EX Archive Network .
<http://www.ctan.org/>
[Zugriff: 02.01.2019]
- Link: Type IPA phonetic symbols.
<http://ipa.typeit.org/full/>
[Access: 02/01/2019]

Literatur I

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- Machicao y Priemer, A. (2018). Hinweise für Seminararbeiten. Manuskript.
- Machicao y Priemer, A. and R. Kerkhof (2016). LaTeX-Einführung für Linguisten – Slides. Presentation at the 7th linguistischer Methodenworkshop in the Humboldt-Universität zu Berlin – 22–24 February 2016.
- Rei, F. (2004). T_ipa manual – version 1.3. *CTAN: Comprehensive TeX Archive Network*.