

typst für die Linguistik

Eine L^AT_EX Alternative

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Einführung

Einführung
○○○○○○○

Vergleich zu L^AT_EX
○○○○○○

Packages für die Linguistik
○○○○○○○○○○○○

Bibliografie

≡ Einführung

Was ist typst?

- Textsatzsystem
- wysiwym¹
- hochkonfigurierbares Satzlayout mit Fokus auf wissenschaftliche Publikationen

Aber was ist anders?

1. *einfache* Anwendung durch **Markdown**
2. einheitliche Syntax und Kompatibilität
3. verständliche Fehlermeldungen

¹what you see is what you mean

= Einführung

== Was ist #typst?

- Textsatzsystem
- wysiwym#footnote[what you see is what you mean]
- hochkonfigurierbares Satzlayout mit Fokus auf wissenschaftliche Publikationen

=== Aber was ist anders?

- + *_einfache_* Anwendung durch ***Markdown***
- + einheitliche Syntax und Kompatibilität
- + verständliche Fehlermeldungen

Formatierung

- + *einfache* Anwendung durch **Markdown**
- + einheitliche Syntax und Kompatibilität
- + verständliche Fehlermeldungen

→

`#show "Syntax": smallcaps`

1. *einfache* Anwendung durch **Markdown**
2. einheitliche SYNTAX und Kompatibilität
3. verständliche Fehlermeldungen

Seitenformatierung

- `#set text(lang: "de", font: "Charter")`
- `#set par(justify: true)`
- `#set page(
 header: align(right)[TITELTITEL],
 numbering: "1"
)`

TITELTITEL

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua quaerat voluptatem. Ut enim aequale doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguere possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos irridente, statua est in quo a nobis philosophia defensa et collaudata est, cum id, quod maxime placeat, facere possimus, omnis voluptas assumenda est, omnis dolor repellendus. Temporibus autem quibusdam et.

Templates

- Typst Universe
- Papers
 - *cogsci-conference*
 - *athena-tu-darmstadt-thesis*
- CV
 - *basic-resume*
- Präsentationen
 - *touying*
 - *diatypst*
- Poster
 - *peace-of-posters*
 - *pollux*

Editoren

Web-Editor

- <https://typst.app/>
- **Live-Kompilierung**
- unbegrenzte Kollaboration
- Konverter von LaTeX, Word, Markdown
- Click-to-source


```

1 #import "@preview/peace-of-posters:0.5.6" as pop
2 #set text(lang: "en")
3
4 #####
5 #import "@preview/ilm:1.4.2": *
6 #import "@preview/arborly:0.3.2": *
7 #import "@preview/numbly:0.1.0": numbly
8 #import "@preview/derive-it:1.1.0": *
9 #import "@preview/cetz:0.3.4"
10 #import "@preview/fletcher:0.5.8" as fletcher: diagram, node, edge, shapes
11 #import "@preview/leipzig-glossing:0.5.0": *
12 #import abbreviations: *
13
14 //set text(lang: "de")
15
16 #let doubleline(cols) = (
17   table.hline(),
18   table.cell(colspan: cols, inset: 0.12em, {}),
19   table.hline(),
20 )
21
22 #let term(x) = $bracket.l.stroked bold(#x) bracket.r.stroked$
23 #let termi(x) = $bracket.l.stroked #x bracket.r.stroked$
24 #let terms(x) = $bracket.l.stroked bold(#x) bracket.r.stroked ^(s^*)$
25 #let termsi(x) = $bracket.l.stroked #x bracket.r.stroked ^(s^*)$
26 #let b(x) = strong[#x]
27 #let s(x) = strong(text(red)[#x])
28 #let v = $upright(nu)$
29
30 #set enum(full: true, numbering: numbly("{1:(i.)}", "{2:(i.)}"))
31 #set heading(numbering: "1.1")
32 #set par(justify: true)
33
34
35 #let agree(start, end, depth) = {
36   cetz.draw.set-style(mark: (end: ">", start: ">"))
37   cetz.draw.bezier(
38     start+"_south", end+"_south",
39     (rel: (-90deg, depth*1cm), to: (start, 0%, end)),
40     (rel: (-90deg, (depth+3)*1cm), to: (start, 100%, end))
41   )
42 }
43
44 #####
45
46 #let rot = rgb("#C70E4F")
47 #set page("a0", margin: 1cm)
48

```

Wordhood of Noun incorporation by phase in Inuit and Hindi

Merlin Jonathan Fischer
Seminar "Wissenschaftliches Arbeiten für die Linguistik", WiSe 25/26
Noun incorporation, Phase, Wordhood, Inuit, Hindi



Definitions

Noun incorporation "Noun combining with a verb to form a single morphological unit" (Mokhanan 1995: 75)

Phase "Syntactic object whose parts [...] can be inspected for convergence" (Bharatan, Neece & Golobman 2005: 300)

Convergence of a derivation "[DP] and [L] as legitimate objects (i.e. they satisfy Full Interpretation)" (Bharatan, Neece & Golobman 2005: 30)

Inuit

Wordhood & NI (Compton & Pittman 2010: 1-3)

"Inuit (Dakota-Languages) has been argued to require more morphological machinery than is commonly assumed for most isolating languages" Example for noun incorporation:

(1) ᑭᑭᑦ-ᑭᑦᑭᑦ-ᑭᑦᑭᑦ-ᑭᑦᑭᑦ ᑭᑦᑭᑦ ᑭᑦᑭᑦ
 he-3sg make-3sg-acc-3sg he-3sg make-3sg-acc-3sg
 'He/she made a big house.'
 • Word order is free
 • Morpheme order is strictly compositional
 → syntactic positioning

Hypothesis: wordhood in Inuit ≙ syntactical phases
 Any DP/CP forms a word.

Identification of words (Sadock 1980: 303)

Well-as words ...

- "obligatory sandhi processes operate";
- "the order of the elements is entirely fixed by semantics";
- "explicit conjunction never occurs";
- "it is impossible to interrupt a word with pauses or parenthetical material";
- cross-correction cannot take place.

Prosody (Arnhold, Compton & Elmer 2018: 6-7)

"The correspondence between prosodic and orthographic words equally appeared for cases of noun incorporation [...] carrying H and L tones"

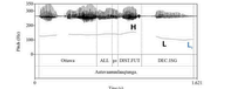


Figure 1: Utterance with incorporated noun 'I will be going to Ottawa.'

Syntax & Phase (Compton & Pittman 2010: 7)

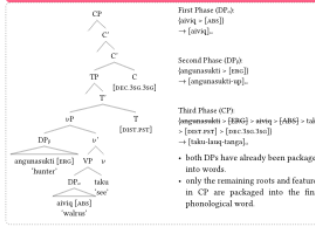


Figure 2: Parallel representations (Mokhanan 1995: 111f)

Figure 3: Wordhood (Mokhanan 1995: 130)

Bibliography

Arnhold, Axel, Richard Compton & Emily Elmer. 2018. Prosody and wordhood in Inuit. In *Proceedings of the 14th Meeting on Abstract and Concrete in the Language of the Americas*, 90-95.
 Compton, Richard. 2014. The cross-linguistic project. URL: <http://www.rcompton.com>
 Compton, Richard & Christian Pittman. 2010. Word formation by phase in Inuit. *Journal of Linguistics* 46(01), 210-240.
 Bharatan, Venkat, Jane Neece & Richard Golobman. 2005. *Understanding morphemes*. Cambridge University Press.
 Mokhanan, Tara. 1995. Wordhood and derivation: Noun incorporation in Inuit. *Natural Language & Linguistic Theory* 13(2), 71-104.
 Sadock, Jerrold H. 1980. Noun incorporation in Cree: A case of syntactic word formation. *Language* 55A(02), 300-305.

Hindi

Noun incorporation (Mokhanan 1995: 76f.)

"Animate (and inanimate definite) primary objects in Hindi form the accusative case clitic -ko"

(1) (Mokhanan 1995: 77-78)

(a) ᑭᑭᑦ ᑭᑦᑭᑦ-ᑭᑦᑭᑦ ᑭᑦᑭᑦ ᑭᑦᑭᑦ
 he-NOM children-ACC search-HAB PROG he-ACC
 'He keeps searching for the some children.'
 (b) ᑭᑭᑦ ᑭᑦᑭᑦ ᑭᑦᑭᑦ ᑭᑦᑭᑦ ᑭᑦᑭᑦ
 he-NOM children-NOM search-HAB PROG he-ACC
 'He keeps children-searching (i.e. performing the act of searching for children).'
 "The only visible difference between example 2a and example 2b is the case marking on the object. Yet, their interpretations as indicated in the sentence phrases are different. [...] Whether different -ko when an animate object is animate (2a), it cannot be separated from the verb, modified, questioned, or omitted. Nor can the verb be compound."
 As Mokhanan (1995) states, the above facts point to an analysis of noun incorporation, i.e. V-N being treated as one lexical category.

Prosody (Mokhanan 1995: 95)

(1) (a) ᑭᑦᑭᑦ ᑭᑦᑭᑦ ᑭᑦᑭᑦ ᑭᑦᑭᑦ ᑭᑦᑭᑦ
 he-NOM children-NOM search-HAB PROG he-ACC
 to tell horses
 (b) ᑭᑦᑭᑦ ᑭᑦᑭᑦ ᑭᑦᑭᑦ ᑭᑦᑭᑦ ᑭᑦᑭᑦ
 he-NOM children-NOM search-HAB PROG he-ACC
 to horse-tell

Syntax & Wordhood (Mokhanan 1995: 90f., 105ff.)

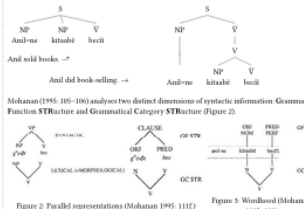


Figure 2: Parallel representations (Mokhanan 1995: 111f)

Figure 3: Wordhood (Mokhanan 1995: 130)

Mokhanan (1995: 105-100) analyses two distinct dimensions of syntactic information: Grammatical Function STRUCTURE and Grammatical Category STRUCTURE (Figure 2)




Figure 2: Grammatical Function STRUCTURE and Grammatical Category STRUCTURE (Figure 2)

Figure 3: Wordhood (Mokhanan 1995: 130)

Mokhanan (1995) suggests different notions of wordhood in Figure 3

- (syntactical) GF-wordhood
- (lexical) morphological GC-wordhood
- Noun Incorporation ✓
- Noun Incorporation ✗

Hypothesis

Mokhanan (1995) sets out problems describing the syntax of Hindi Noun Incorporation due to contradictory behaviour in terms of syntactical, morphological and phonological analysis. She resolves the problem through different notions of wordhood (see above).

This proposal assumes an alternative analysis following the minimalist program (Chomsky 2010)

The wordhood of Hindi noun incorporation can be described through phase applied to specific internal forms (just like in Inuit).

Further research might also lead to a universal description of wordhood of Noun Incorporation by phase.

Editoren

Web-Editor

- <https://typst.app/>
- Live-Kompilierung
- unbegrenzte Kollaboration
- Konverter von LaTeX, Word, Markdown
- Click-to-source

vscode/vscodium + tinymist

- alles wie in der WebApp
- lokal, offline, selbst konfigurierbar
- keine Rechtschreibprüfung
- keine Package-Vorschläge

EXPLORER

- TYPST-VORTRAG
 - assets
 - cogsci.png
 - example-resume.png
 - functions.typ
 - Logo-Goethe-University-Frankfurt-am-...
 - tudapub_prev-01.png
 - typst-vs-latex.pdf
 - typst-vs-latex.typ

OUTLINE

TIMELINE

```

t typst-vs-latex.typ > ...
height: 2cm),
),
#set heading(numbering: none)
#set raw(lang: "typ")
#show link: it => if type(it.dest) == str { underline(it) } else { it }
////////////////////////////////
#title-slide()
#outline-slide()
= Einführung
== [ <ouying:hidden>
#grid(
  columns: (1fr, 1fr),
  gutter: 8pt,
  [],
  move(dy: -2.4em, text(size:18pt, raw("= Einführung")))
)
== Was ist #typst?
#grid(
  columns: (1fr, 1fr),
  gutter: 8pt,
  [
    #pause
    - Textsatzsystem
    #pause
    - wysiwyw#footnote[what you see is what you mean]
    #pause
    - hochkonfigurierbares Satzlayout mit Fokus auf wissenschaftliche
    Publikationen
    #pause
    == Aber was ist anders?
    #pause
    + _einfache_ Anwendung durch *Markdown*
    #pause
    + einheitliche Syntax und Kompatibilität
    #pause
    + verständliche Fehlermeldungen
  ],
  move(dy: -2.5em, block[
    #set par(justify: false)

```

typst-vs-latex.typ (Preview) X

Aber was ist anders?

1. einfache Anwendung durch Markdown
2. einheitliche Syntax und Kompatibilität

¹what you see is what you mean

typst für die Linguistik 4 / 17

Einführung ●○○○ Vergleich zu L^AT_EX ○ Packages ○○○○○○

Was ist typst?

- Textsatzsystem
- wysiwyw¹
- hochkonfigurierbares Satzlayout mit Fokus auf wissenschaftliche Publikationen

Aber was ist anders?

1. einfache Anwendung durch Markdown
2. einheitliche Syntax und Kompatibilität
3. verständliche Fehlermeldungen

¹what you see is what you mean

typst für die Linguistik 4 / 17

Einführung ○●○○ Vergleich zu L^AT_EX ○ Packages ○○○○○○

Formatierung

Vergleich zu L^AT_EX

Präambel

typst

Hallo Welt!

L^AT_EX

```
\documentclass{article}
\usepackage[utf8]{inputenc}
\usepackage[T1]{fontenc}
\usepackage{geometry} % edit margins of paper
\usepackage{setspace} % edit line spacing
\usepackage{fancyhdr} % header, footer
\usepackage{titlesec} % edit format of titles
\usepackage[dvipsnames]{xcolor} % colors
\usepackage{amsmath} % math tools
\usepackage{amssymb} % math symbols
\usepackage{amsthm} % theorems
\usepackage{mathtools} % math tools
\usepackage{nameref}
\usepackage{hyperref}
\usepackage{cleveref}
\usepackage[shortlabels]{enumitem} % enumerations
\usepackage{lastpage} % get number of last page
\begin{document}
Hallo Welt!
\end{document}
```

Syntax

typst	L^AT_EX
Drei Modi:	Diverse Umgebungen & Makros für alles.
1. Markup [...]	<code>#let n = [*Typst!*</code>
2. Code #...	<code>\begin{minipage}{...}... \end{minipage}</code>
3. Math \$...\$	<code>\newcommand{\cmd}{def}</code>
einheitliche, auf diese Modi basierende Syntax	variierende Syntax in verschiedenen Paketen,
& Package-Kompatibilität	unübersichtliche Argumente in {}[]{}{}
echte Programmiersprache: #if, #for, #let	benötigt Pakete (expl3) für Scripting

Grundfunktionen

typst

strong or `#strong`[strong]

`_emphasis_` or `#emph`[emphasis]

``print(1)`` or `#raw("print(1)")`

`https://typst.app/`

`<intro>`

`@intro`

`@key`

`= Heading`

`== Heading`

`=== Heading`

`- item`

`+ item`

L^AT_EX

`\textbf{strong}`

`\textit{emphasis}` or `\emph{emphasis}`

`\texttt{print(1)}`

`\url{https://typst.app/}`

`\label{intro}`

`\ref{intro}`

`\cite{key}`

`\section{Heading}`

`\subsection{Heading}`

`\subsubsection{Heading}`

`\begin{itemize}\item...\end{itemize}`

`\begin{enumerate}\item...\end{enumerate}`

typst

```
$x^2$  
$ x^2 $  
~  
---  
--  
\br/>// line comment  
/* block comment */  
#outline()  
#footnote[...]  
#bibliography("file.bib", style: "ieee")  
#underline[...]  
#upper[...]  
#text(fill: red)[...]
```

\LaTeX

```
$x^2$ (inline)  
\[x^2\] or \begin{equation}  
~ (non-breaking space)  
---  
--  
\\  
% comment  
(no equivalent)  
\tableofcontents  
\footnote{...}  
\bibliography{file}\bibliographystyle{plain}  
\underline{...}  
\uppercase{...}  
\textcolor{red}{...}
```

typst

```
#highlight(fill: yellow)[...]  
#set par(first-line-indent: 0pt)  
#pagebreak()  
#h(1cm)  
#v(1cm)  
#h(1fr)  
#v(1fr)  
#line(length: 100%)  
#quote[...]  
`` `...` ``  
#figure(table(...))  
#figure(image(...))  
#image("img.png", width: 5cm)  
#box[...]
```

L^AT_EX

```
\colorbox{yellow}{...}  
\noindent  
\newpage  
\hspace{1cm}  
\vspace{1cm}  
\hfill  
\vfill  
\hrule  
\begin{quote}... \end{quote}  
\begin{verbatim}... \end{verbatim}  
\begin{table}... \end{table}  
\begin{figure}... \end{figure}  
\includegraphics[width=5cm]{img}  
\begin{minipage}{...}... \end{minipage}
```

typst

```
#box(stroke: 1pt)[...]  
#box(width: 5cm)[...]  
#align(center)[...]  
#columns(2)[...]  
#canvas[...] (via cetz)  
$ ... $ (block, with spaces)  
$ ... & ... \ $  
$cases(...)$  
$mat(...)$  
#show: ... or #let ...  
#let x = ...  
#include "file.typ"  
#import "@preview/pkg:1.0.0": *
```

L^AT_EX

```
\fbox{...}  
\parbox{5cm}{...}  
\begin{center}...\end{center}  
\begin{multicols}{2}...\end{multicols}  
\begin{tikzpicture}...\end{tikzpicture}  
\begin{equation}...\end{equation}  
\begin{align}...\end{align}  
\begin{cases}...\end{cases}  
\begin{matrix}...\end{matrix}  
\renewcommand{\...}{...}  
\def\x{...}  
\input{file}  
\usepackage{pkg}
```

Tabellen

typst

L^AT_EX

```
#table(  
  columns: (1fr, 1fr),  
  align: left,  
  table.hline(),  
  [*Header 1*], [*Header 2*],  
  table.hline(),  
  [Cell A], [Cell B],  
  [Cell C], [Cell D],  
  table.hline(),  
)
```

```
\begin{tabular}{ll}  
  \hline  
  \textbf{Header 1} & \textbf{Header 2} \\  
  \hline  
  Cell A & Cell B \\  
  Cell C & Cell D \\  
  \hline  
\end{tabular}
```

Schreibumgebung

typst

inkrementelle Live-Kompilierung

ungefähr verständliche Fehlermeldungen

einheitliche Dokumentation

\LaTeX

Pseudo-Live-Kompilierung mit Kompilierungslimit im Online-Editor

kryptische Fehlermeldungen

viele dezentrale Dokumentationen

Verwendung im akademischen Bereich

typst

Der **typst**-Quellcode wird bisher nur vom *International Journal of Interactive Multimedia and Artificial Intelligence (IJIMAI)* akzeptiert. Bei einigen Journals können auch PDFs eingereicht werden.

Alles ist möglich, gar nicht so kompliziert, manches ist noch in der Entwicklung.

L^AT_EX

Der L^AT_EX-Quellcode wird von den allermeisten Journals und Konferenzen akzeptiert.

L^AT_EX ist etabliert, es gibt zu allem Templates und Lösungen (auch wenn diese teilweise sehr kompliziert sind).

Packages für die Linguistik

eggs

- Linguistische Beispiele und Glossings (Dokumentation)
- Leipzig Glossing Abkürzungen
- Markdown für Judges

```
#import "@preview/eggs:0.8.0": *  
#import abbreviations: *  
#show: eggs
```

```
#example[  
  Beispiel  
  + - Colorless green  
    - ideas sleep  
  + furiously.  
]
```

- (1) Beispiel
- a. Colorless green
ideas sleep
 - b. furiously.

eggs

#example[

@mohanan1995wordhood[77--78]

+ - ilaa #emph[baccõ=ko] k^hojtii rahtii hai

- Ila.#nom children=#acc search.#smallcaps[hab] #prog be.#prs

'Ila keeps searching for the/some children.'

+ - ilaa #emph[bacce] k^hojtii rahtii hai

- Ila.#nom children.#nom search.#smallcaps[hab] #prog be.#prs

'Ila keeps children-searching (i.e. performing the act of searching for children).'

]

(2) (Mohanan 1995: 77–78)

a. ilaa *baccõ=ko* k^hojtii rahtii hai

Ila.NOM children=ACC search.HAB PROG be.PRS

'Ila keeps searching for the/some children.'

b. ilaa *bacce* k^hojtii rahtii hai

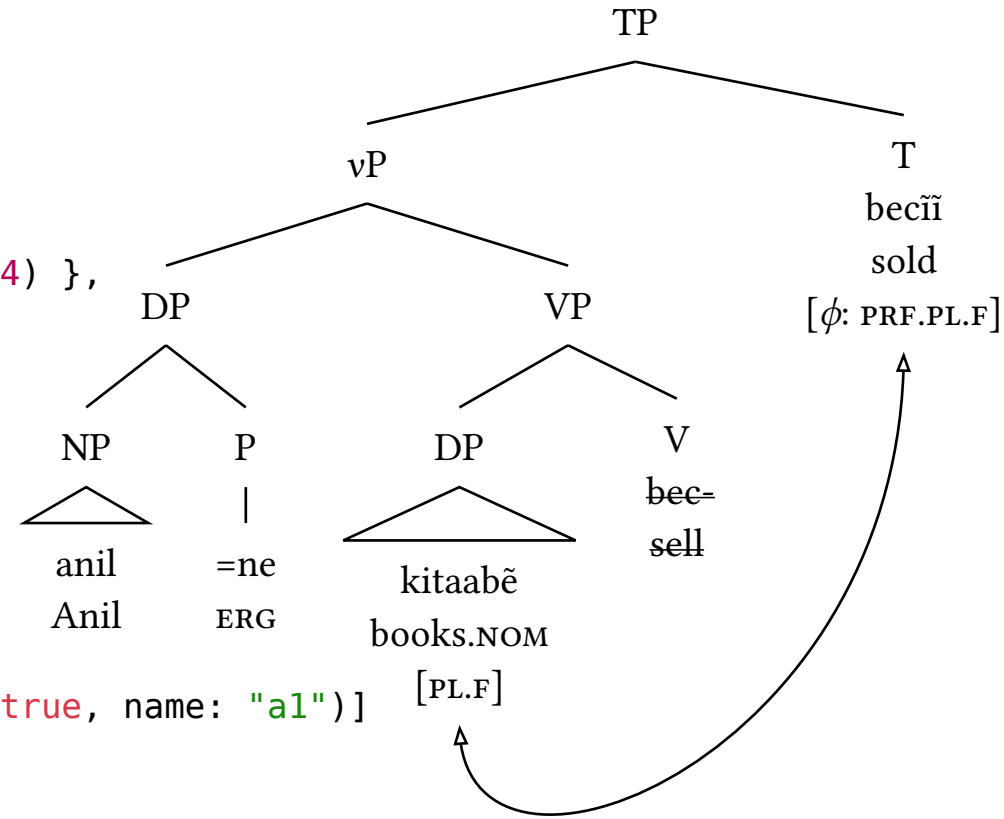
Ila.NOM children.NOM search.HAB PROG be.PRS

'Ila keeps children-searching (i.e. performing the act of searching for children).'

arborly

```
#import "@preview/arborly:0.3.2": *
```

```
#tree(style: (fit: "band"), code: { agree("a1", "a2", 4) },
)[TP
  [#sym.nu\P
    [DP
      [NP [anil\ Anil #a(triangle: true)]]
      [P [=ne\ #erg]]
    ]
    [VP
      [DP
        [kitaabě\ books.#nom\ \[#pl.#f\] #a(triangle: true, name: "a1")]
      ]
      [V\ #strike(offset: -2.4pt)[bec-\ sell]]
    ]
  ]
  [T\ becĩĩ\ sold\ \[#emph(sym.phi.alt): #prf.#pl.#f\] #a(name: "a2")]
]
```



IPA

Unicode (ohne Paket)

,fɔʊnə'tɪʃən → ,fɔʊnə'tɪʃən

tyipa

```
#import "@preview/tyipa:0.1.1" as ipa
```

```
#ipa.text[stress-mark.secondary f o upsilon n schwa stress-mark t I esh schwa n] →  
,fɔʊnə'tɪʃən
```

ascii-ipa

```
#import "@preview/ascii-ipa:2.1.0": *
```

```
#branner("'XU.X:i.,Xae)S:t.lI")
```

```
#cxs("'XU.X:i.,X&S:t.lI")
```

```
#praat("\\'1\\cf\\hs.\\cf\\:f.\\'2\\ae\\sh\\:ft.l\\ic")
```

```
#sil("}x=u<x=:i}}x=a<s=:tli=")
```

```
#xsampa("\\XUX:i%X{S:tI")
```

} 'χʊ.χ:i.χæf:t.lɪ

Zitieren

Zitieren ohne Paket: BibTeX, Unified Style Sheet for Linguistics

- `#cite(<mohanan1995wordhood>, supplement: [101])` } (Mohanan 1995: 101)
 - `@mohanan1995wordhood[101]`
 - `#cite(<mohanan1995wordhood>, supplement: [101], form: "prose")` → Mohanan (1995: 101)
- `#bibliography("refs.bib", style: "unified-style-sheet-for-linguistics.csl")`

citesugar

```
#import "citesugar.typ": *    @mohanan1995wordhood        (Mohanan 1995)
#show cite: citesugar        @mohanan1995wordhood[p:]    Mohanan (1995)
                              @mohanan1995wordhood[a:]    Mohanan
                              @mohanan1995wordhood[y:]    1995
                              @mohanan1995wordhood[b:]    Mohanan 1995
                              @mohanan1995wordhood[ps:]    Mohanan's (1995)
                              @mohanan1995wordhood[as:]    Mohanan's
```

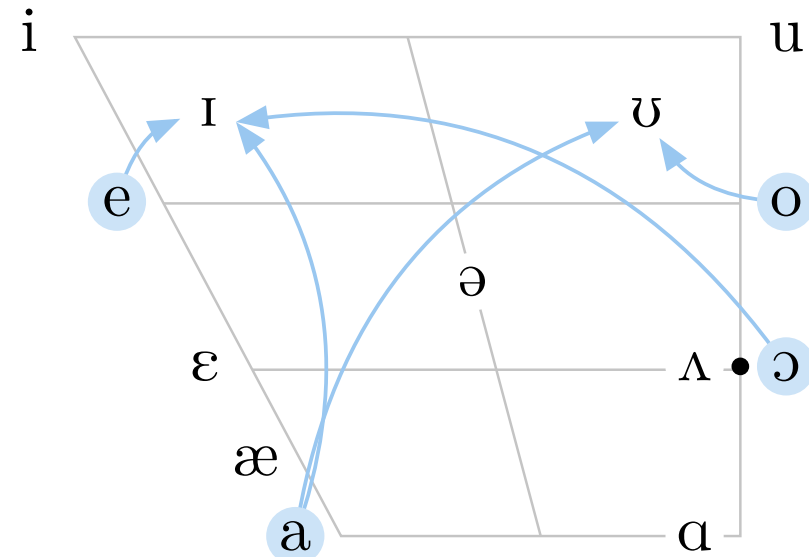
phonokit

#consonants("german", scale: 1.1)

	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d				k g			
Nasal	m			n							
Trill											
Tap or Flap											
Fricative		f v		s z	ʃ ʒ		ç	x	ʁ		h
Lateral fricative											
Approximant							j				
Lateral approximant				l							

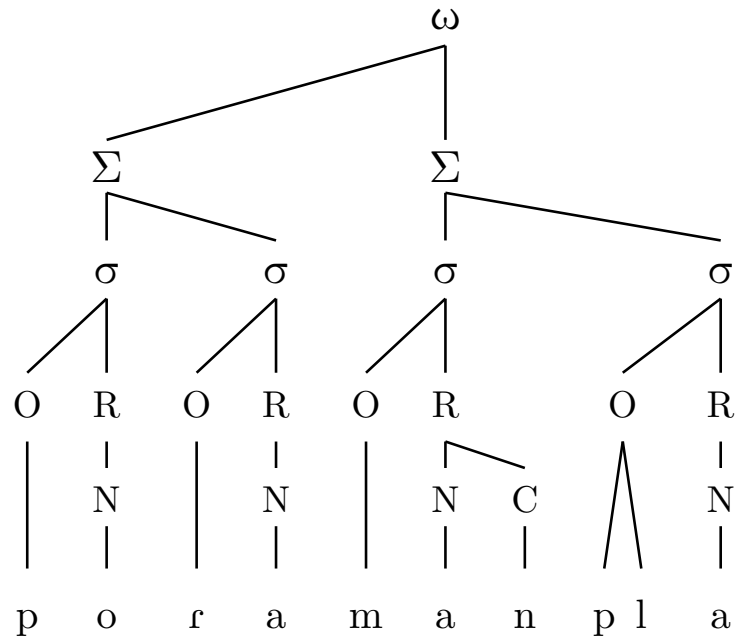
phonokit

```
#vowels(  
  "english",  
  arrows: (  
    ("a", "U"),  
    ("a", "I"),  
    ("e", "I"),  
    ("O", "I"),  
    ("o", "U"),  
  ),  
  arrow-color: blue.lighten(60%),  
  curved: true,  
  highlight: ("a", "e", "o", "O"),  
  highlight-color: blue.lighten(80%),  
  scale: 1.1  
)
```



phonokit

`#word("('po.Ra).('man.pla)", foot: "R", scale: 1.4)`



phonokit

```
#tableau(  
  input: "kraTa",  
  candidates: ("[kra.Ta]", "[ka.Ta]", "[ka.ra.Ta]"),  
  constraints: ("Max", "Dep", "*Complex"),  
  violations: (  
    ("", "", "*"),  
    ("*!", "", ""),  
    ("", "*!", ""),  
  ),  
  winner: 0,  
  dashed-lines: (0,),  
)
```

	kraθa	MAX	DEP	*COMPLEX
☞	[kra.θa]			*
	[ka.θa]	*!		
	[ka.ra.θa]		*!	

Weitere, allgemeine Packages

- *cetz*: Zeichenpaket (\equiv L^AT_EX: tikz)
- *fletcher* / *lilaq*: Diagramme zeichnen.
- *mitex*: L^AT_EX-Code innerhalb von **typst** ausführen.

Konverter L^AT_EX \leftrightarrow typst

- Typlite
- Tylax

Bibliografie

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Mohanan, Tara. 1995. Wordhood and lexicality: Noun incorporation in Hindi. *Natural Language & Linguistic Theory* 13(1). 75–134.

Danke für Eure Aufmerksamkeit!

`#focus-slide`[Danke für Eure Aufmerksamkeit!]