# Introduction to Open Text Collections

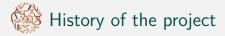
### Sebastian Nordhoff, Mandana Seyfeddinipur & Christian Döhler

Berlin-Brandenburgische Akademie der Wissenschaften





- After the funding period the project will be supported via Language Science Press
- should produce about 8 collections/year with a total of 40k IMT tokens/year.



≁ first idea 2017

- rejected May 2019



- The Berlin-Brandenburg Academy of Sciences and Humanities (BBAW) was founded in 1700

- digital presentation of canonical works from various fields of the humanities.

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The Endangered Language Documentation Project (ELDP) gives grants for people to document endangered languages

- ELDP supports the documentation and preservation of endangered languages through granting, training and outreach activities.
- The collections compiled through our funding are freely accessible at the Endangered Languages Archive.
- The Endangered Language Archive (ELAR) hosts archival data for many endangered languages
  - digital collections, including audio and video recordings, of endangered languages
  - heterogeneous
  - n eclectic

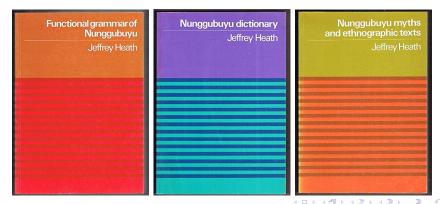
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- curated: a selection of texts from a language, e.g. from a documentation project
- contextualized: introduction to the speech community, language, recording methods, speakers, etc.
- edited: contributors may choose to edit out false starts, pauses, self-corrections, etc.
- transparent: good provenance



- Most grammars have glossed texts in the appendix
- Goes back to Franz Boas' idea of grammar, dictionary and text as a trilogy of language documentation



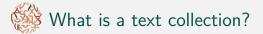


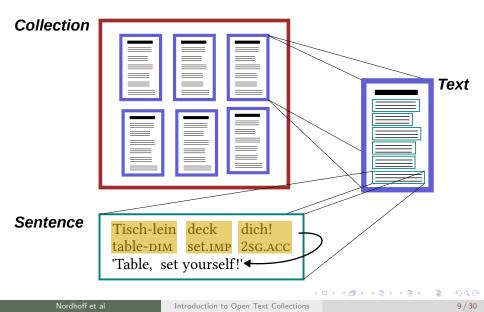
NATAMX contains 12 volumes of legacy text collections published between 1976-1980.

- The texts are in pdf format only
- TIPA has texts in the languages of the Americas

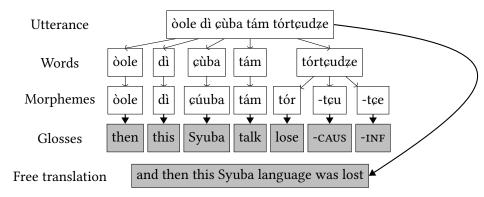
  - Not available in a structured format
- - The texts are in pdf format only.
- - When accessing materials about a certain language, you cannot be sure what you will find.
- OTC will be open access and in a structured format

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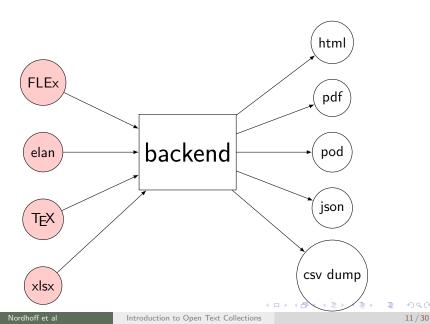




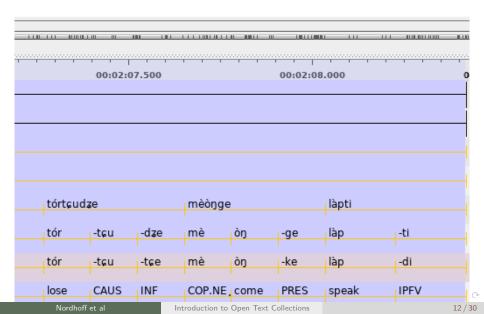
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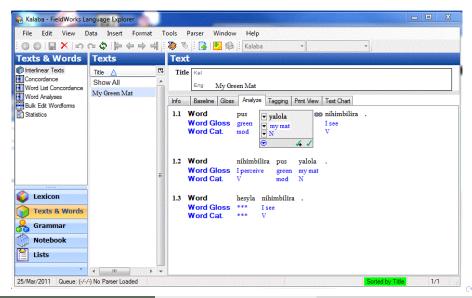
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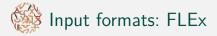
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### 🕂 ingestion via eldpy python library

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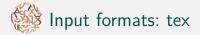


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              </morph>
            </morphemes>
          </word>
```

ingestion via cldflex python library by Florian Matter

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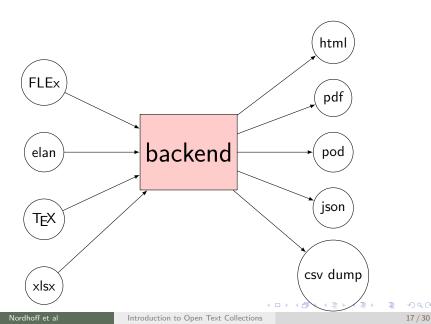


# \ex a beth thok le ka bere\\ \gll a beth thok le ka bere\\ \textsc{1sg} cut tree \textsc{def} with axe\\ \glt `I cut the tree with an axe.' (P67 K:2)

✤ possibly ingestion via cldf-linglit python library by Robert Forkel

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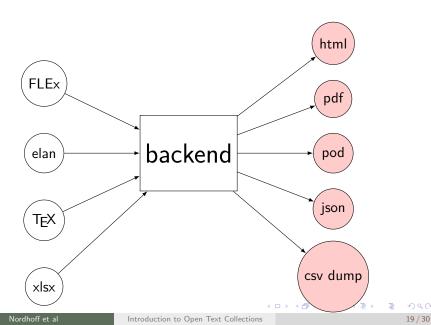


- ℎ based on CSV

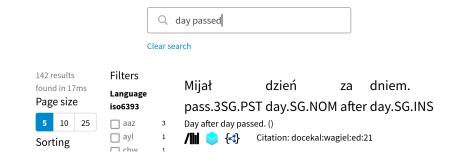
	A	В	c	D	E
1 a⇔bɛthษth	ok⊷lε⊷ka⊷bεrε	1SG→cut→tree→DEF→with→axe	'I cut the tree with an axe.'	P67 K:2	sher1258
2					
3					
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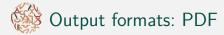






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P. Epps, Isabel Salustiano, Jovino Monteiro & Pedro Pires Dias

(11) Yup m'é' sój d'öb k'ët yố' mah, tíhàn tih ídíh.
 yup m'é' sój d'öb-k'ët-yố?=mah, tíh-àn tih îíd-íh.
 that carajuru brilliant descend-stand-SEQ=REP 3SG-OBJ 3SG speak-DECL
 'Standing there looking down, brilliant with *carajuru*, it's said, he spoke to her.'

'Ficando lá olhando para ela, brilhante com carajuru, dizem, ele falou para ela.'

(12) Yít páh, "Hồp ámàn āh käk w'öb péét, d'ố 'ốy ám páh?" nóóy mah. yít páh, hồp lám-àn lãh käk-w'öb-pé-ét, d'ố lốy thus prox.cntr fish 2sg-obl 1sg pull-set-go.upstream-decl take-dynm lám páh? nó-óy=mah. 2sg prox.cntr say-dynm=rep

'And then, "Where I went upstream catching fish and setting them out for you; have you taken them?" he said, it's said.'

'Aí, "Lá onde fui rio acima, pescando e deixando peixe, você pegou?" ele falou\_dizem.'

Output formats: PDF (community version)

wot kenambun kel-on go woh ne daman ko wot kol-on iyen adep e engg-un wot kenambun kel-on go woh ne daman ko wot kol-on iven adep e engg-un enggan-u kedo aleng yanop kolo ambip wunu-den aleng yanop kedo boma-n-u wen-e ambip adi nangg-e moyon ne daman =an engg-e olok wa-ngga-d-un engg-e tio-d-un got yanam angg-un=e nak-on ombet yu kaduk Awin ambip won-o-den odo monon mon-on go men-e keleg-e keleg-e temon keleg-e kem-on ga nowan wom to yu bet mo =on ma baat ode? ah baat odo yo ekune (a)dep an =o e om ko, baat Awin ambip won-o-den ovip mon-ok get =a om ko an-an-up =an o engga-n-u engg-ain go ton a o(go) b-e men-e bat boma-n-e be men-e kem-en odo wen-e om alep b-e mengga-mb-e kemo-d-on =e wen-e ekuni (a)dep kol-o-den o kole eh [ke] okuno-den o , kelo-n-e wen-e nemengga-d-on

"The moon has become strong (more bright) so, oh maybe my brother has become the moon", she said. "The moon has become strong (more bright) so, oh maybe my brother has become the moon", she said. She said so and she went back home crying. She went away crying and arrived at home, she said "Oh, it is my younger brother" she said and she was missing him. She said that and stayed and true She slept and the next morning (next day) her husband who had gone to Awin region came back. He came and (he) looked around. He looked around but (there was) nobody. She was alone inside (the house). "But where is (my) brother-in-law?" "Oh, the brother-in-law" "it is like this" (, she said.) The sago, brother-in-law in Awin region he went so we will eat the sago when he comes back, she said and "I said like that and the fish and other things, that he usu-



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0:					
@id:		"https://imtvault.org/langsci31	6-6e388cec49_wt"		
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Nordhoff et al	Introduction t	o Open Text Collections			23 / 30



- already done for IMTVault (Krämer & Nordhoff, this workshop)



- $\checkmark$  production of  $\sim$ 40k word-sized tokens a year

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# $\wedge$ 40+ expressions of interest



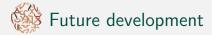
Nordhoff et al

Introduction to Open Text Collections



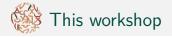
- automatically generated dictionaries

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- $\checkmark 2^{nd}$  (or 3^{rd}) generation effect > many more collections to be published until the end of the project
- - $\checkmark$  OTC as a new series
- Integration into ELDP's training sessions for new grantees to assure high quality structured input

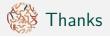
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- Christian Döhler (BBAW-OTC)
- Sebastian Nordhoff (BBAW-OTC)
- Mandana Seyfeddinipur (BBAW-ELAR)
- Kelsey Neely (BBAW-ELDP)

- Michael Ginn (University of Colorado)

- Daniel Werning (BBAW-Wortschatz der ägyptischen Sprache)
- Thomas Krämer (GESIS Leibniz-Institut für Sozialwissenschaften)
- Max Ionov (Universität zu Köln)



- // https://twitter.com/OpenTextColl



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