# pylingdocs demo

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# 1 Introduction

This document does double service as a test for pylingdocs and a showcase of its capabilities. It aims to demonstrate every feature and model currently available in pylingdocs. The underlying pylingdocs-flavored markdown input can be found here. It uses data from the CLDF test dataset.

We'll start with some generic markdown stuff. Here is a link: pylingdocs. Here is some bold and italic text.

- 1. here
- 2. is
- 3. a
- 4. numbered
- 5. list
- · and one

- · with
- · bullet points

Here's a cross reference to Section 3. Here's a cross reference<sup>1</sup> to ??.

## 2 Citing literature

pylingdocs supports citation styles commonly used in linguistics:

```
· Álvarez (1997)
```

- · (Álvarez 1997).
- · Álvarez (1997, pp. 133–134)
- · (Álvarez 1997, pp. 133–134)
- · Álvarez (1997, pp. 133–134) and Meira (1999, p. 218)
- · (Álvarez 1997, pp. 133–134; Meira 1999, p. 218)

## 3 Integrating linguistic entities

The core functionality of pylingdocs is including linguistic data in your prose. This is achieved by using the cldfviz tool to access datasets in the CLDF format. A number of models are built-in, at the moment:

```
1. morphemes: -se 'sup'
```

- 2. morphs: -je 'SUP'
- 3. languages: Tiriyó
- 4. texts: "Ekïrï"
- 5. forms: mahto 'fire'

You can use cldfviz syntax: Apalaí is the same as Apalaí.

You can also refer to multiple entities of the same kind: The Tiriyó suffix -se 'sup' has the allomorphs -se, -je, and -e. Apalaí and Tiriyó are both Cariban languages, as are Ikpeng, Upper Xingu Carib, and Pemón. This becomes very practical if you are citing data:

- 1. Apalaí apoto 'fire' (Koehn and Koehn 1986: 59), Tiriyó mahto 'fire' (Meira 1999: 314), and Waiwai wehto 'fire' (Howard 2001: 485)
- 2. Tiriyó wïtoto-ton 'person-PL' (Meira 1999: 139), kïmë-njamo '1+2-PL' (Meira 1999: 140), and akëërë-ne 'with-PL' (Meira 1999: 375)

<sup>&</sup>lt;sup>1</sup>And here is a (foot)note. You can use markdown in here: see Section 3 for details about -se 'SUP'.

## 3.1 Examples

#### 3.1.1 Interlinearized glossed examples

Glossed examples are inserted like any other entity, but are not rendered in-line:

(1) Ikpeng (Pachêco 2001, p. 279) ekïrï ru man eroang tïmamin ïna

```
ekiri ru man ero-aŋ ti-mami-n ina
old part aff go-rem.cont cor-work-pert obl
```

'The old man went to his work,'

(2) a. Ikpeng

yuwyang man tïwïn:

```
j-uwj-aŋ man ti-wi-n
3>3-search-rem.cont Aff cor-machete-pert
```

'He looked for his machete.'

b. Ikpeng

ïwïn mun eto ankang man

```
i-wi-n mun eto an-k-aŋ man
1POSS-machete-PERT INAN.DIST UNCERT 3-SAY-REM.CONT AFF
```

Example references should be versatile enough for most purposes: (1), (2b), (2), (2a-b), (1-2), (2arbitrarysuffix)

### 3.1.2 Manual examples

These can contain tables, lists, whatever:

(3) Tiriyó -se 'SUP' Apalaí -se 'SUP'

They can also have multiple parts:

(4) a. Tiriyó -se 'sup' Apalaí -se 'sup' b. -se 'sup'

### 3.2 Arguments

Pass arguments to the visualizer, with examples:

<sup>&</sup>quot;Where might my machete be?", he asked."

```
Ikpeng (Pachêco 2001, p. 279)
  rik rik yuwitkang man
  rɨk
              rɨk
                         rɨk
                                    j-uwi-tk-aŋ
                                                                  man
  IDEO.hear IDEO.hear 3>3-search-ITER-REM.CONT AFF
  'So he went looking for it.'
(5)
Language labels, translations, and sources can be manipulated:
1. Tiriyó -se 'sup'
2. Tiriyó -je 'SUP'
3. Tiriyó mahto 'fire'
or
1. -se 'SUP' (Meira 1999, p. 327)
2. -je 'SUP' (Meira 1999, p. 327)
3. mahto 'fire' (Meira 1999, p. 314)
or
1. -se
2. -je
3. mahto
or
1. Tiriyó -se 'SUP' (Meira 1999, p. 327)
2. Tiriyó -je 'SUP' (Meira 1999, p. 327)
3. Tiriyó mahto 'fire' (Meira 1999, p. 314)
or
1. Tiriyó -se (Meira 1999, p. 327)
2. Tiriyó -je (Meira 1999, p. 327)
3. Tiriyó mahto (Meira 1999, p. 314)
or
1. Tiriyó -se 'supine' (Meira 1999, p. 327)
2. Tiriyó mahto 'people' (Meira 1999, p. 314)
```

### 4 Tables

Tables are stored as csv files, which can contain pylingdocs markdown.

|       | A header, out here?   |                |                       |
|-------|-----------------------|----------------|-----------------------|
| Pemón |                       | Section 3      |                       |
|       | pɨra "                |                | italics               |
|       | <i>menjaarë</i> 'now' | mahto 'fire'   | mahto 'fire'          |
|       | mahto 'fire'          | menjaarë 'now' | mahto 'fire'          |
|       | mahto 'fire'          | mahto 'fire'   | <i>menjaarë</i> 'now' |
|       | menjaarë 'now'        | mahto 'fire'   | mahto 'fire'          |

#### 4.1 A level 2 section

Something about nominal possession.

#### 4.1.1 A level 3 section

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#### 4.1.2 Another level 3 section

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# References

Álvarez, José (1997). "Split Ergativity and Complementary Distribution of NP's and Pronominal Affixes in Pemón (Cariban)." In: *Opción* 13.24, pp. 69–94.

Meira, Sérgio (1999). "A Grammar of Tiriyo". PhD thesis. Rice University.

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