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手語詞典

Sign Languages dictionaries with Lingualibre SignIt.

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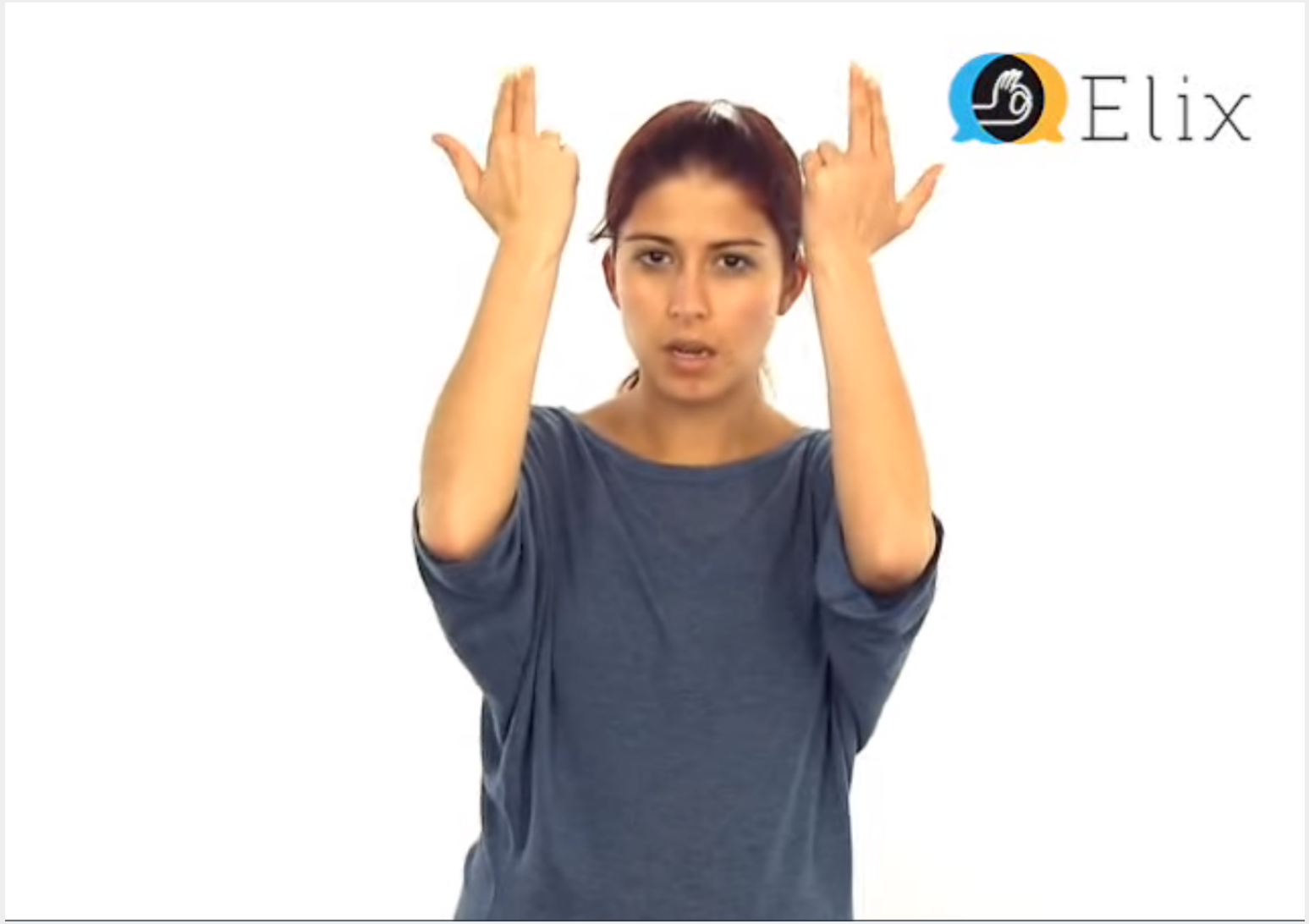

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Hugo Lopez

- Elearning and language professional
- Open education resources
- Teach new technologies to PhD
- 100% left-ear deafness

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OUTLINE

- Communication and sign languages
- Lingualibre SignIt mission and toolkit
- How to support
- Q&A
- (2023 situation report)

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Attendence

What affinity do you have with :

- Sign languages
- Web applications, browser extensions
- Open source & its community management

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COMMUNICATION AND SIGN LANGUAGES

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Ways we communicate ?

- In library, we *whisper*
- At work, we *speak*
- At parties, we *scream*
- Sometimes, we ***sign***

- **We use what allows us to communicate.**

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Where sign languages would help ?

Where do we use sign languages ?

- on the road
- in noisy pubs
- when we doubt
- with foreign speakers
- when across a street
- with babies, toddlers
- with elders

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Where sign languages would help ?

> *Whereas Sign Languages are perceived as primarily for deaf people, all of us at different stages of our lives, would gain from basic mastery of sign languages*

If useful for everyone, but not in widespread use...

... How to we support sign languages ?

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LINGUALIBRE SIGNIT

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Our vision and values

Lingua Libre SignIt aims to **increase awareness and mastery of signed languages among the general public**.

We believe signed languages have general benefits for everyone. The general public can easily gain the ability to communicate on longer distances, through glass windows, in overwhelmingly noisy environments. It would be more inclusive for signers, non-verbal toddlers (see baby sign language), and provide an important safety-net against hearing loss which affects nearly all our elders, some adults and children. We believe universal and transgenerational designs helps individuals and society to be more resilient, inclusive, peaceful and efficient.

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Challenge we take on

> Provide **scalable e-learning service** in **various languages pairs**, as **open educational resources** content and in a **professional** fashion.

But where to start ? ;)

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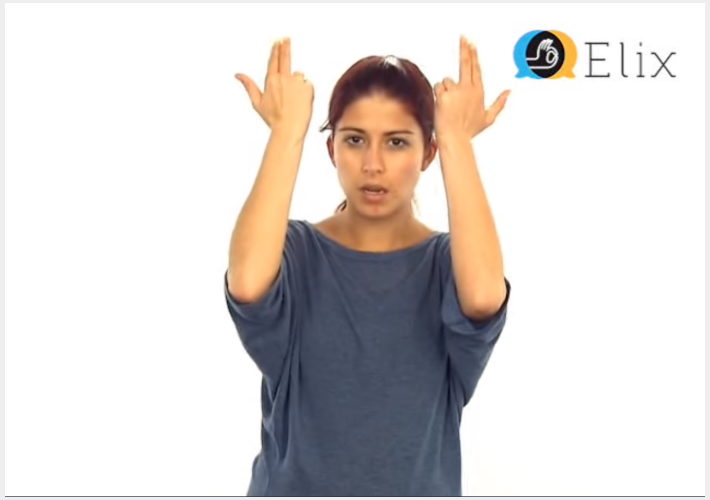
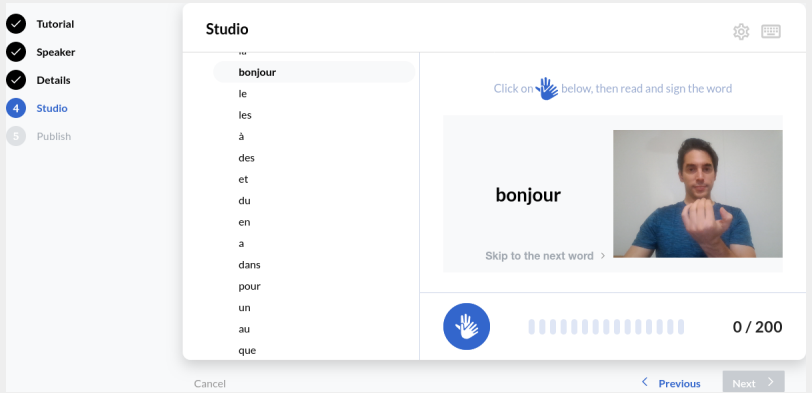
Sign languages' learning chain

Learners ← Signers

SignIt extension | Data | Lingualibre Studio





Learning | Video & text | Sharing

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Lingua Libre SignIt: Firefox extension

Demo: Lingua Libre SignIt Firefox addons

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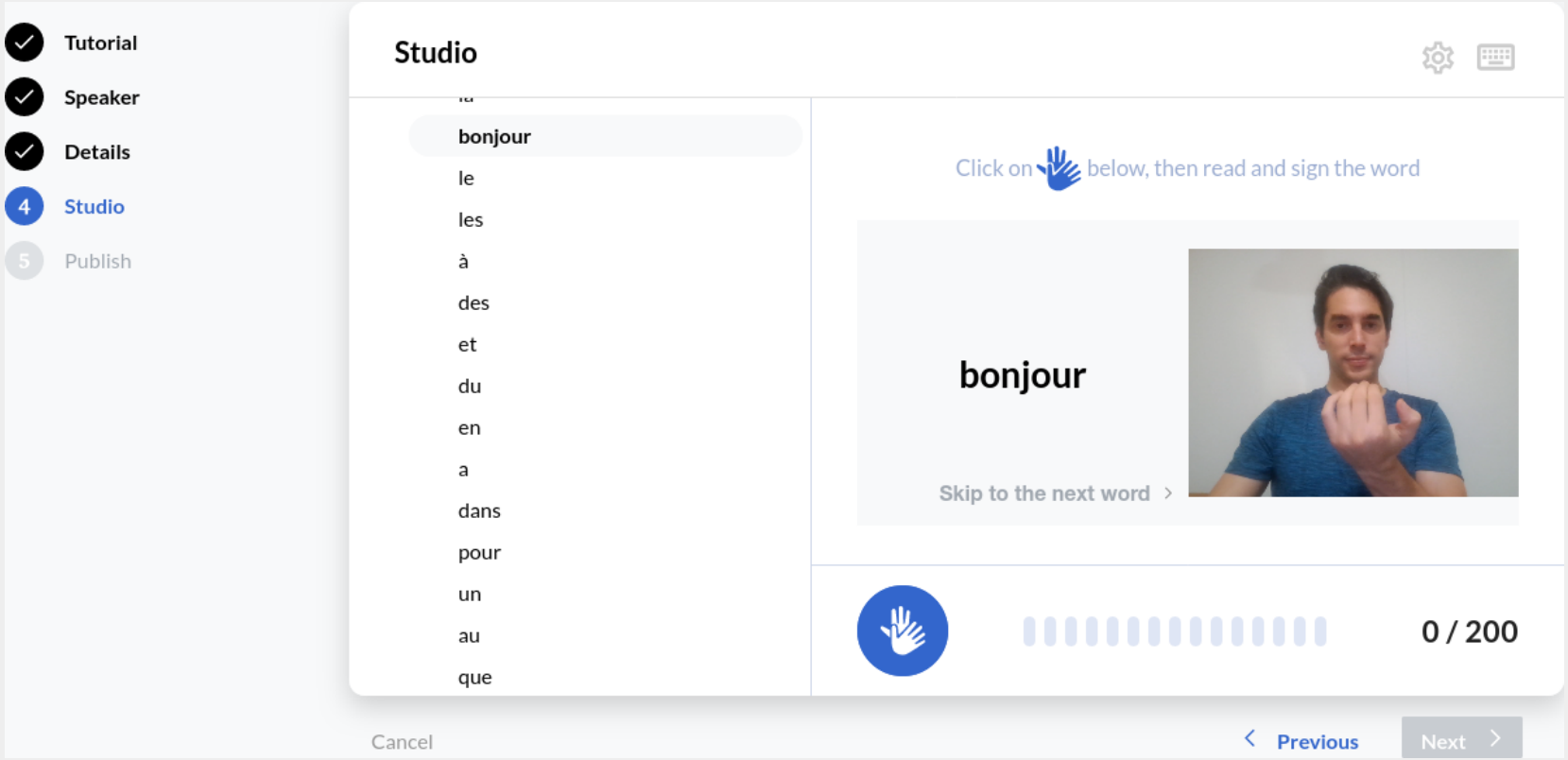
Lingua Libre: video recording studio



Demo: Lingualibre.org Recording Studio

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Value-added asked by our users

- Begginers: **general public** wants o learn basic signs via a **begginer dictionary**
- Experts: **signers** & **translators** to check an **advanced dictionary**
- Both: create **learning lists**

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Limits

- Prototype: only FSL+French, 700+ videos
- Dictionaries are difficults (polysemy, etc)
- Need contributors
- Need developpers
- Need to be better known

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Strengh

- 300 videos / hour !
- Open content
- "We have to"

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HOW TO SUPPORT ?

1- Support Sign Language learning whenever you can !

2- Speak about us to :

- local deaf communities
- open source web developers

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Q&A

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KEEP IN TOUCH

Role	Entry point
Lead dev	Hugo Lopez / User:Yug
Recording studio	Lingualibre.org
Firefox extension	Lingualibre SignIt
Code & tickets	github.com/lingua-libre/SignIt

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THANK !

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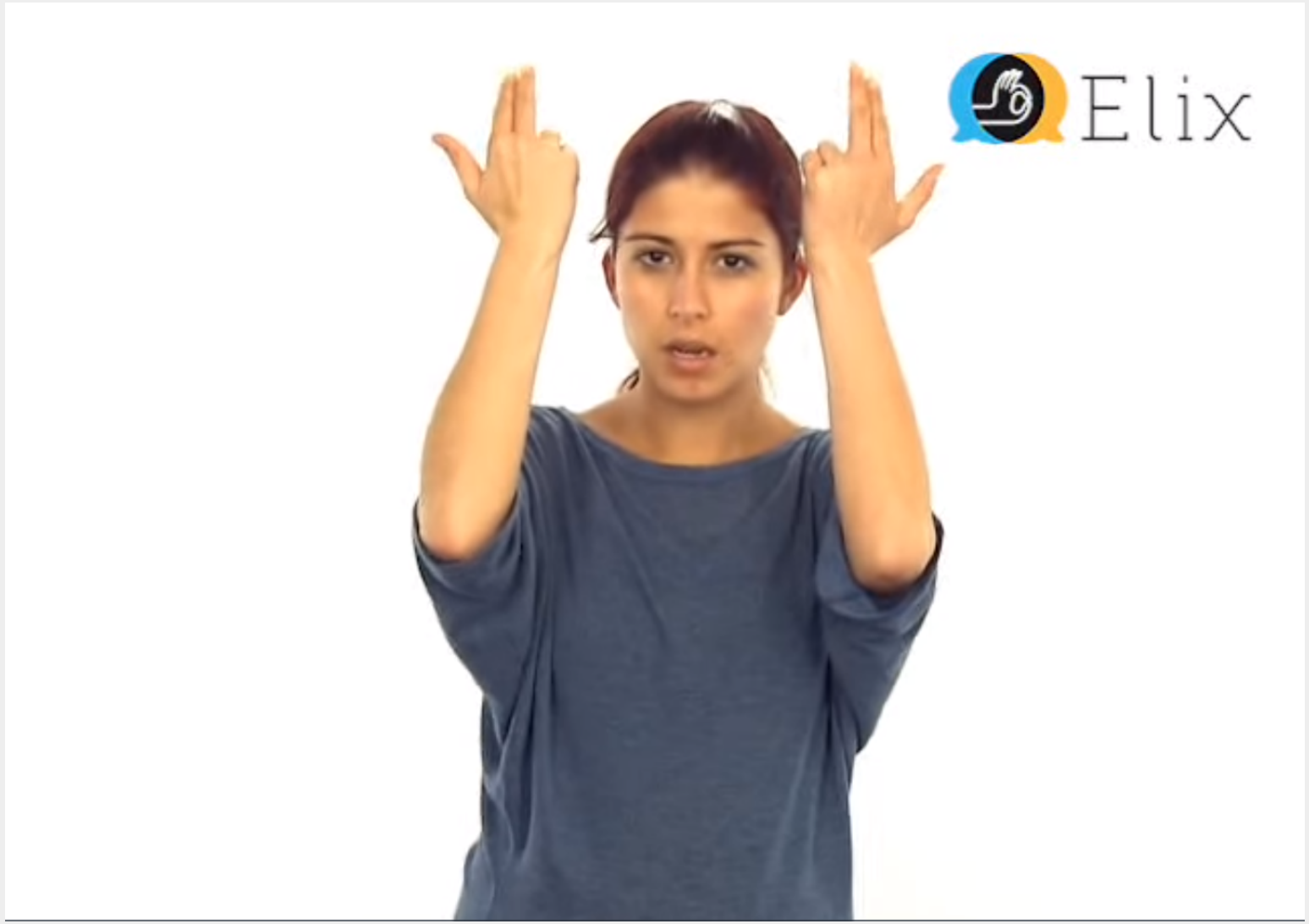

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2023 REPORT

See on
https://meta.wikimedia.org/wiki/Lingua_Libre/SignIt

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Software

- 2022.10 : Extension runing
- 2023.04 : Recording studio running
- FSL-French demonstrated

-> Ready for more languages pairs

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Support

Actors interested in Sign languages and inclusivity

- University of Toulouse, France
- Wikimedia France
- Toulouse Sign Language association

-> Speak about us

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Assets

- 700 videos
- one signer active

-> Speak about us

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Lingua Libre SignIt add-on for Firefox

A demonstrator project which allows you to translate a (French) word into (French) sign language videos on any web page. When you read a text and come across a word you don't know, select that word, click on the SignIt icon: the sign in LSF and the definition of the word in French will appear on a window.

If a word is not available in LSF, user are provided an easy-to-use recording webapp to record that signed word. The definitions come from the French Wiktionary to which you can also contribute to.

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Current demo use French and French Sign Language pair but the project is already ready to accept other language pairs.

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