Lotus Web App

Manage linguistic texts, media files, and lexicons all in one place.

app.digitallinguistics.io

Tulip
(Tools for Linguistic Productivity)

Standalone tools for converting between formats, producing interlinear examples, and other common tasks.

tools.digitallinguistics.io

Contributing to DLx

Request a feature, report a bug, or contribute to the code!

github.com/digitallinguistics

Have some programming skills and want to help build DLx projects? Check out the developer documentation!

developer.digitallinguistics.io

Follow the DLx blog!

blog.digitallinguistics.io

Website
digitallinguistics.io

Blog
blog.digitallinguistics.io
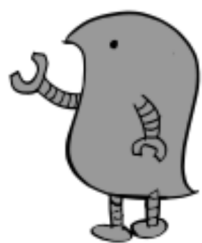
Developers
developer.digitallinguistics.io

Digital Linguistics

Digital Linguistics (DLx)

digitallinguistics.io

What is Digital Linguistics?

Digital Linguistics (DLx) is the science of digital data management for linguistics, including the digital storage, representation, manipulation, and dissemination of linguistic data. It concerns itself with how to represent linguistic data in digital form, as well as best practices for working with that data, using all the benefits of the modern web platform.

Digital Linguistics is informed by best practices in documentary, descriptive, and corpus linguistics, among others. Digital Linguistics is thus attentive to ethical and privacy concerns, data longevity, and data accountability in science, among others issues.

Why Digital Linguistics?

Linguists face a number of pervasive problems when it comes to managing their linguistic data, and productively utilizing their data in their research:

- Most software for linguistics is platform-specific (i.e. Windows- or Mac-only)

- Existing linguistics software does not synchronize data across computers easily (or at all)

- Backup solutions are limited; few cloud backup solutions exist

- Different software programs use different formats for storing data; switching software means converting between data formats (and data is sometimes lost in the process)

- Most linguistics software is task-specific, designed to accomplish just one thing; switching tasks requires switching programs, and manually keeping data in sync from one program to the next

- Datasets are not easily citable or shareable with existing technologies

Resources

The Digital Linguistics project so far has developed the following resources:

- **Lotus:** A web app for linguists and community members to manage their linguistic data, including texts, media files, and lexicons.

- **Tulip (Tools for Linguistic Productivity):** A variety of standalone tools for converting between formats and other common tasks when managing a linguistic database.

- **Daffodil (Data Format for Digital Linguistics):** Guidelines for how to representing linguistic data in JSON, the standard data interchange format of the modern web.

Web developers have been dealing with the above problems for years, and have developed robust solutions to handle them. One of the best ways to address the concerns of Digital Linguistics is to take advantage of the modern web platform and use existing solutions to their fullest.