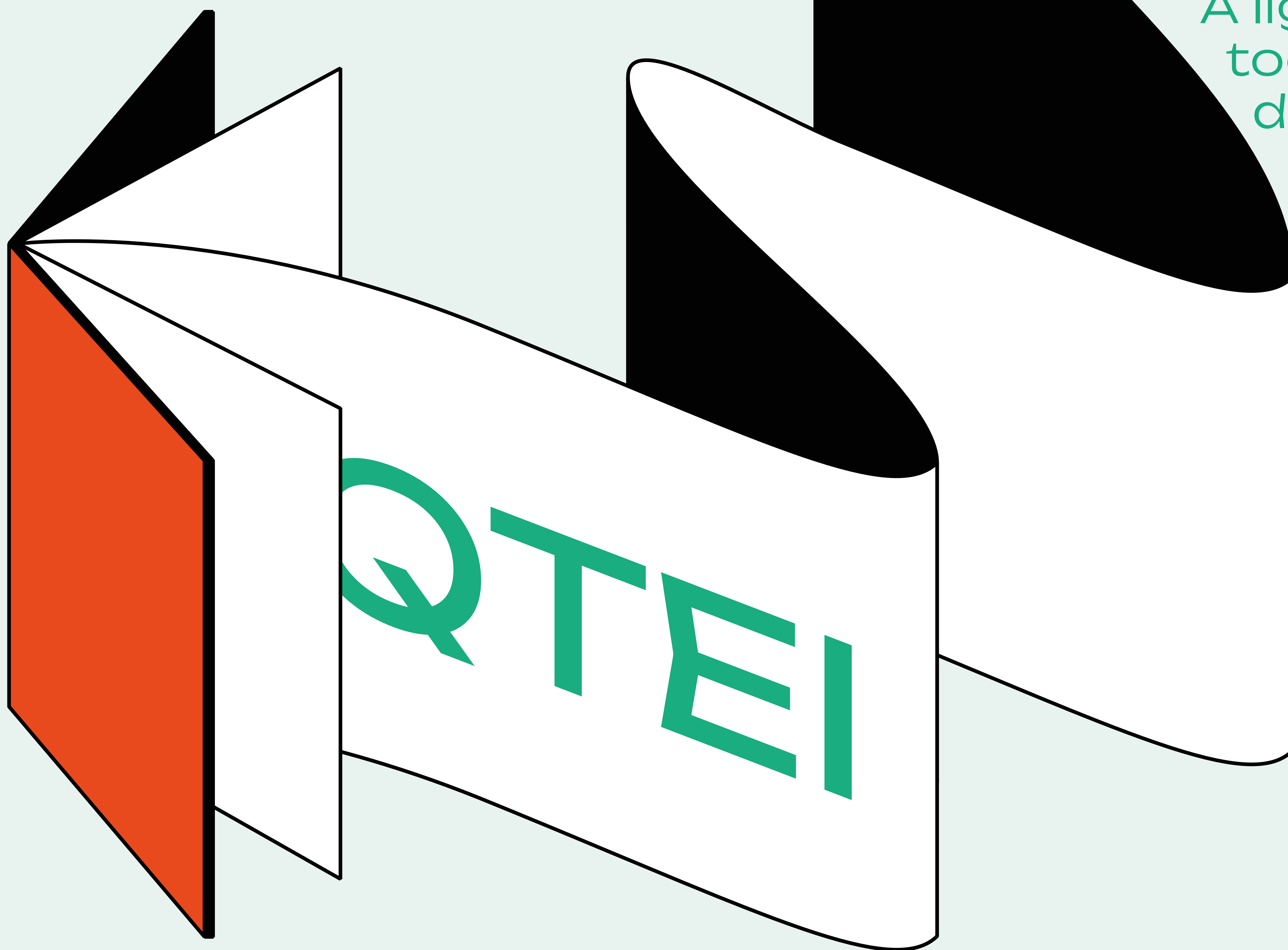


# Quick TEI



A lightweight  
tool for TEI  
documents



QTEI is based on two core components: web browser and JavaScript. The web browser, as one of the most comprehensive software packages for handling XML, is widely used and easy to maintain by end users. And JS is often part of the solution for rendering TEI/XML anyway, so with QTEI we created a framework that can fully implement a TEI web presence with these technologies.

## Starting situation:

- TEI/XML as a document format
- Tools for encoding data in TEI exist
- Challenges in creating online representations
- Fragility of the chain from creation to online publication
- Lack of simple and expandable solutions

## Status quo:

- TEI Boilerplate (but requires XSLT knowledge)
- Setup and hosting of eXist-db (technical knowledge and skills required for working with eXist-db)
- Complexity and maintenance effort with XQuery

## Idea & implementation:

- QTEI as a low-threshold solution: get started quickly with a “full” experience but extend functionality easily from there
- Web browser and JavaScript
- Fully implementing TEI web presence
- Outputting a static page
- Prototype as an NPM package
- Integrated development environment
- Licensing and documentation

## Future Work:

- Extending QTEI with editor capabilities for a WYSIWYG experience, potentially featuring collaborative editing
- Full-Text-Search
- Search for tagged entities
- Extending search with facets and static results
- Implementation efficiency: features could likely be implemented with less than 200 lines of code.

