

Hacking with the TEI

Maximum Number of Participants: 20

Date: Monday, July 7, 2014 – All Day – 09:00 to 12:00 + 13:00 to 17:00

Facilitator(s):

- Hugh Cayless, TEI Technical Council - Research programmer for the Duke Collaboratory for Classics Computing
- James Cummings, TEI Technical Council (chair) - Senior Digital Research Specialist in Academic IT at University of Oxford's IT Services
- Elli Mylonas), TEI Technical Council - Senior Digital Humanities Librarian at Brown University
- Sebastian Rahtz), TEI Technical Council - Director of Academic IT at University of Oxford's IT Services
- Syd Bauman, Senior XML programmer analyst at Northeastern University Digital Scholarship Group
- Alexander Czmiel, researcher in Digital Humanities at the Berlin-Brandenburg Academy of Sciences and Humanities

Overview:

Digital humanists, librarians, publishers, and many others use the Text Encoding Initiative (TEI) Guidelines to mark up electronic texts, and over time have created a critical mass of XML. Techniques of processing this markup beyond display and indexing are less well-understood and not accessible to the broad community of users, however, and programmers sometimes regard TEI XML as over-complex and hard to process.

The goal of the hackathon is to make significant progress on a few projects during one day of work.

Possible projects might include but are not limited to:

- applying visualization to TEI documents or schemas/ODDs (e.g. visualizing the TEI conceptual model)
- mining a large corpus of texts for some data facet and visualizing the results
- rendering complex markup in an innovative and playful way
- writing input or output filters for existing bits of software
- extending existing TEI software to take advantage of external resources such as Zotero
- adding a TEI mode to a web editor
- Programming for multilingual resources

Participants will begin discussing the proposed projects in May and June, and select a small number to be worked on. More concrete discussion about tools and specs will take place before the date of the hackathon. On the day of the hackathon, participants will form groups, and work on their projects. Workshop organizers and invited experts will be on hand to consult on TEI details and strategies of dealing with them.

DH2014 Workshop 001

Audience:

This workshop is intended for reasonably experienced DH practitioners, who may not hitherto have experimented with TEI XML, as well as those who have already been using TEI and developing TEI tools. If you don't fall into either of these categories, but you have a project that is appropriate for the hackathon, please apply or contact us directly.

Applicants will email their application with the following information to hackathon@tei-c.org.

- Name
- Affiliation
- Contact information (email)
- Skills and experience (to help select projects)
- One or two suggested projects. These don't have to be described in great detail, as they will be discussed and shaped further in June.

Deadline: **Midnight (EST) April 17** (applications received after this date will be considered on a rolling basis only if space remains available) Notification: by April 30

For more information please see <http://wiki.tei-c.org/index.php/DH2014Hackathon>.
Questions to hackathon@tei-c.org.