

Workflows from Toolbox to Searchable Multimedia Repository

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Given the complex network of interdependencies between field linguists, tools and archives (Good 2005), tool developers should adopt a "complete system" approach. The goal is to provide field linguists with a complete set of tools for every stage of data transformation between field materials (including metadata) and data to be archived, including time-aligned multimedia. Many linguists use Toolbox for initial data processing and interlinear glossing. This talk will demonstrate a complete workflow from Toolbox to a searchable multimedia repository on the Web. The repository will contain media files annotated by all interlinear data. The user will be able to search the repository for media segments that contain specific text and/or grammatical features. It will be possible to edit the data within the repository (assuming the user has permissions to do so).

The system is implemented as an offline Web application. We will explain what offline Web applications are and show the simple installation procedure they require. Google is currently working on a new tool for offline Web applications called Google Gears. If the tool is released in time for the conference, we will demonstrate it also.

Good, Jeff 2005. "The ecology of documentary and descriptive linguistic work."
<http://emeld.org/workshop/2006/papers/ToolEcology-1.pdf>