



University of Kentucky Linguistics Colloquium

The Phonomaton: A new browser-based tool for implementing linguistic analyses

In this talk we present the Phonomaton, a freely available browser-based program that allows users to implement derivational analysis of phonological and morphological phenomena using standard notation. The program serves to ensure that complex analyses yield the expected results and provides a valuable method of exploring alternatives in real time. The Phonomaton handles all aspects of SPE style notation (with a modified SPE feature system) as well as autosegmental representations and can even make the full trip from underlying representation to sound wave. It is designed for both experts and as a teaching tool for students, and thus facilitates problem solving. Finally, it contains a library of phonological phenomena that serves as an interactive reference and theoretical sandbox. We hope to offer a hands-on presentation where everyone can explore the program's features as we present them.

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