



ШКОЛА  
ЛИНГВИСТИКИ  
НИУ ВШЭ

## Научный семинар Школы лингвистики НИУ ВШЭ

с участием лингвистической лаборатории по корпусным  
технологиям и лаборатории языков Кавказа

**Ник Хоуэлл / Nick Howell**

Школа лингвистики НИУ ВШЭ

### **Accessible finite-state morphology with `lexd`**

Morphology of small languages is often modeled using finite state transducers. The classical tools for this are technical, and especially complex for non-suffixational morphologies. We introduce lexd, a new formalism for expressing morphology which is both machine- and human-readable. To illustrate, we present partial morphologies for Tsez and Chukchi written in lexd, and discuss the shortcomings of finite state modeling. We recommend lexd as an accessible tool appropriate for field linguists, and a part of the larger mission to develop computational resources to support and expand the impact of the field linguistics program at HSE.

В Зуме (<https://us02web.zoom.us/j/4532123186>)  
9 октября (пятница) в 11:10

Сайт семинара:  
[ling.hse.ru/SciSeminar](http://ling.hse.ru/SciSeminar)

