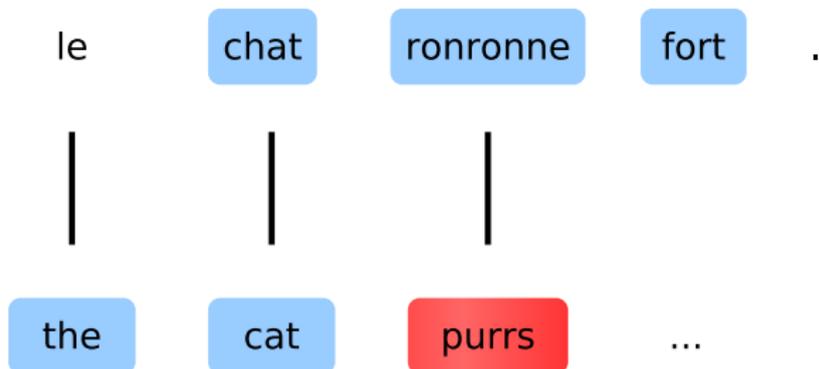


# OxLM: Extend Neural Language Models by Conditioning on Source Sentences

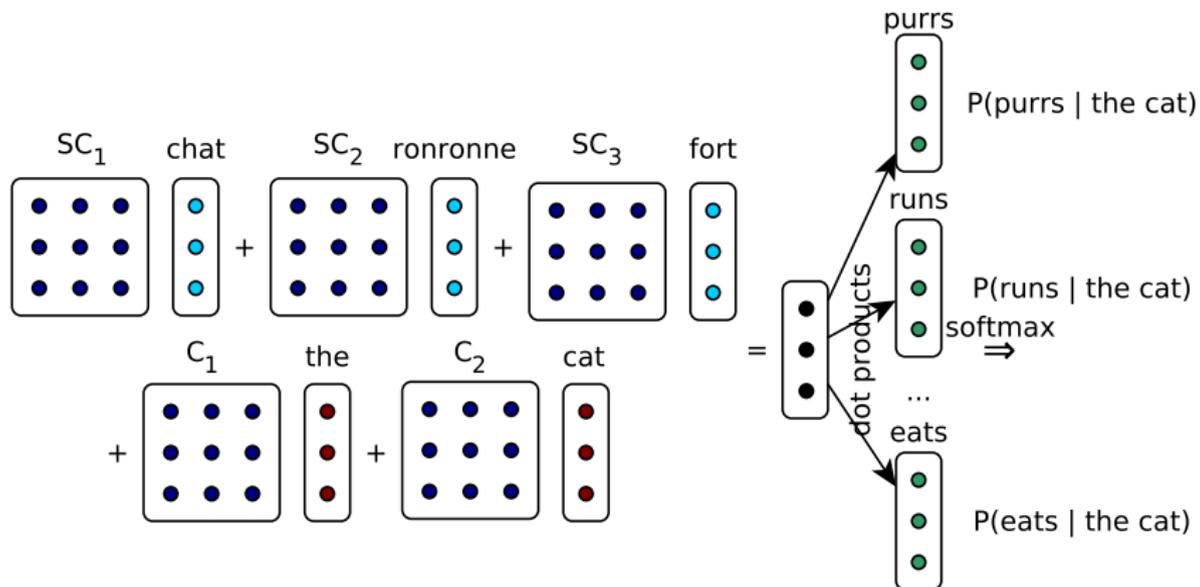
Paul Baltescu, Michal Kaspar, Austin Matthews,  
Prashant Mathur, Nikolay Bogoychev

# Source Conditioning

Jacob Devlin et al.: **Fast and Robust Neural Network Joint Models for Statistical Machine Translation.** ACL 2014



# Architecture



# Project Status

## Tasks:

- ▶ Abstractions for handling parallel data (**Prashant**)
- ▶ Compute word affinities (**Michal, Paul**)
- ▶ Extend the model with additional parameters (**Paul**)
- ▶ Decoder feature for cdec (**Austin**)
- ▶ Decoder feature for Moses (**Nikolay**)

Legend: **completed**, **in progress**

Follow the project online at:

<https://github.com/pauldb89/oxlm/tree/conditional>