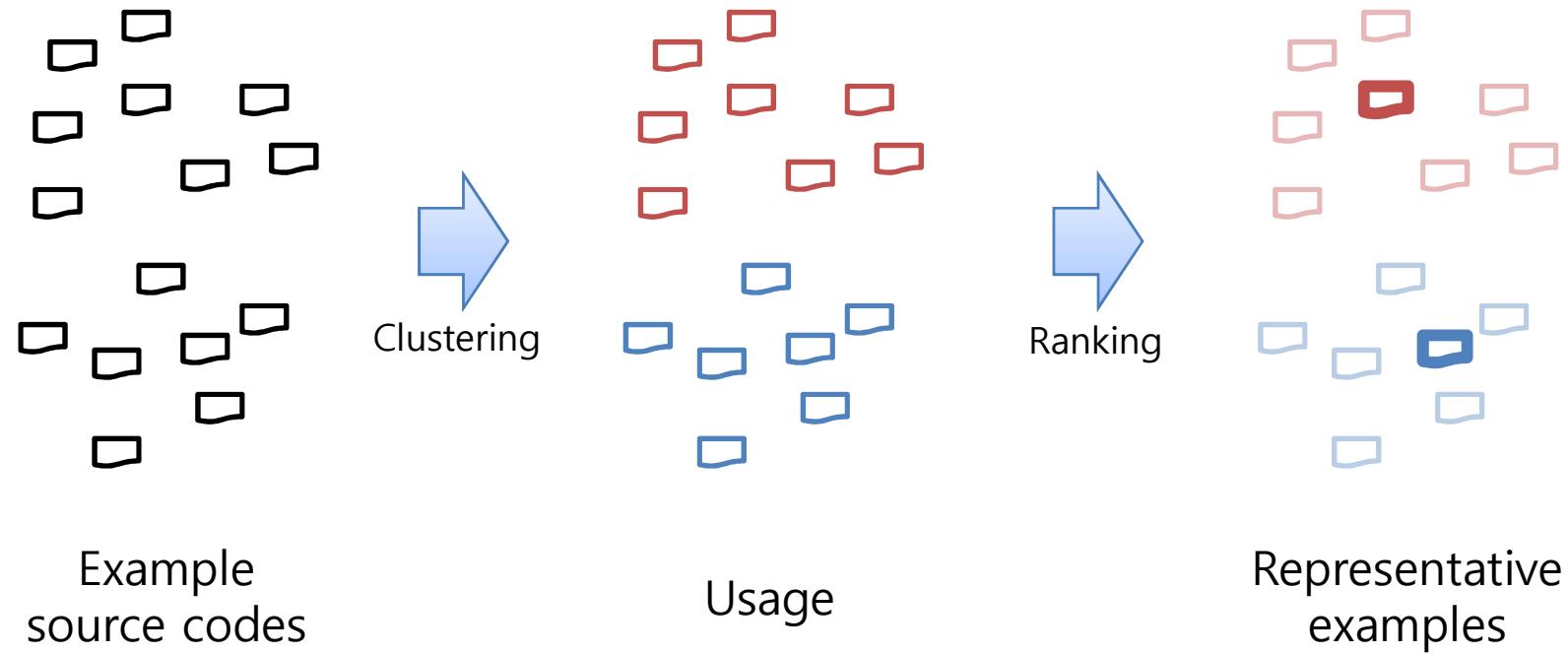


Lightning talk: Taking representative examples

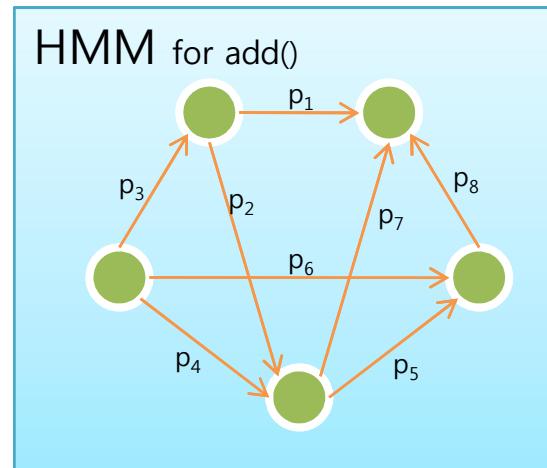
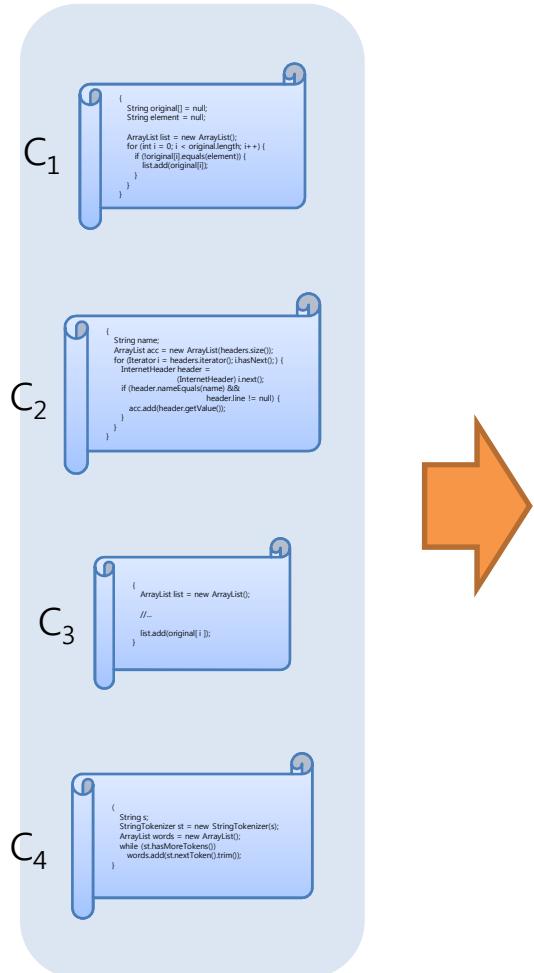
Sanghoon Lee
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July 10, 2009

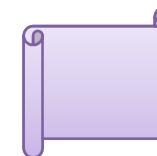
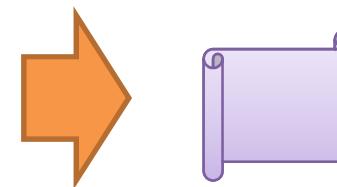
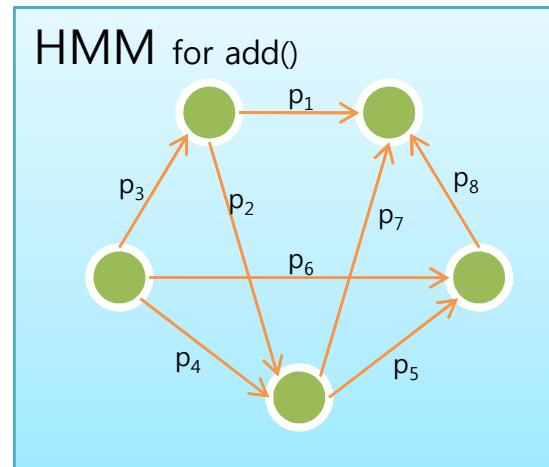
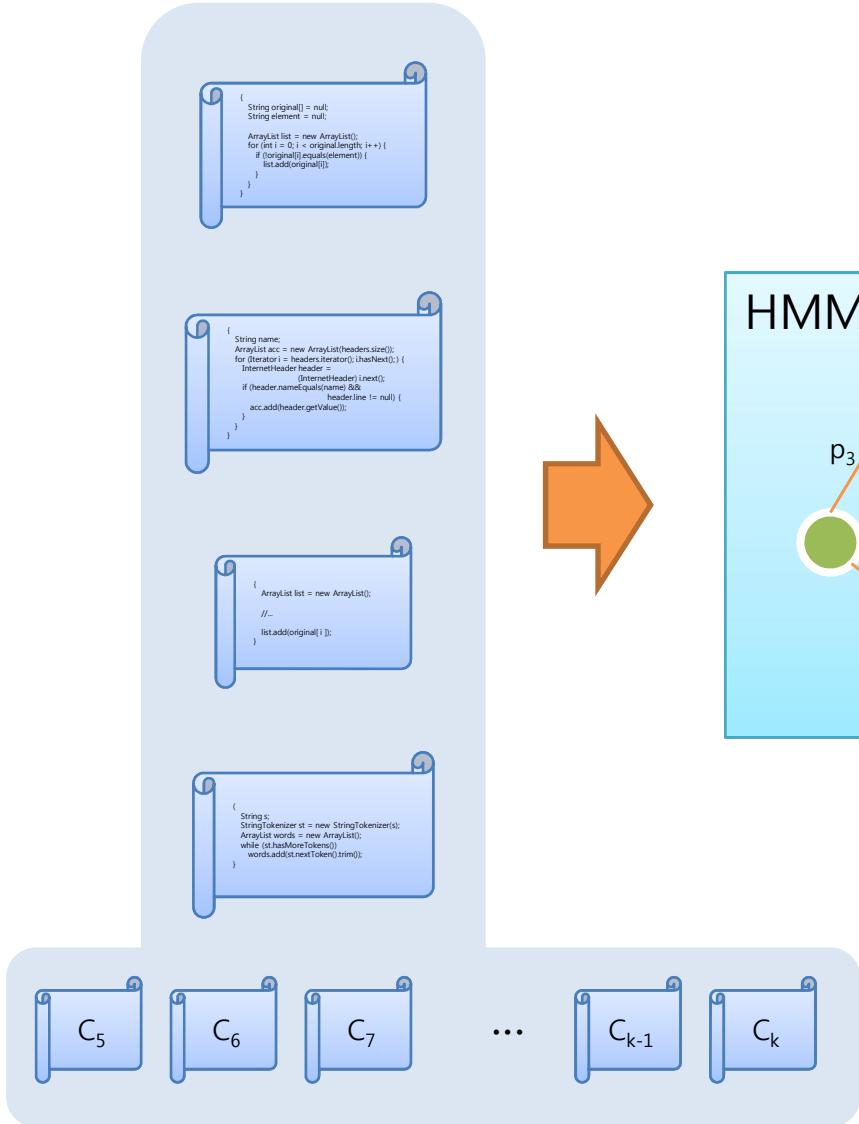
The way eXoa takes the representative examples



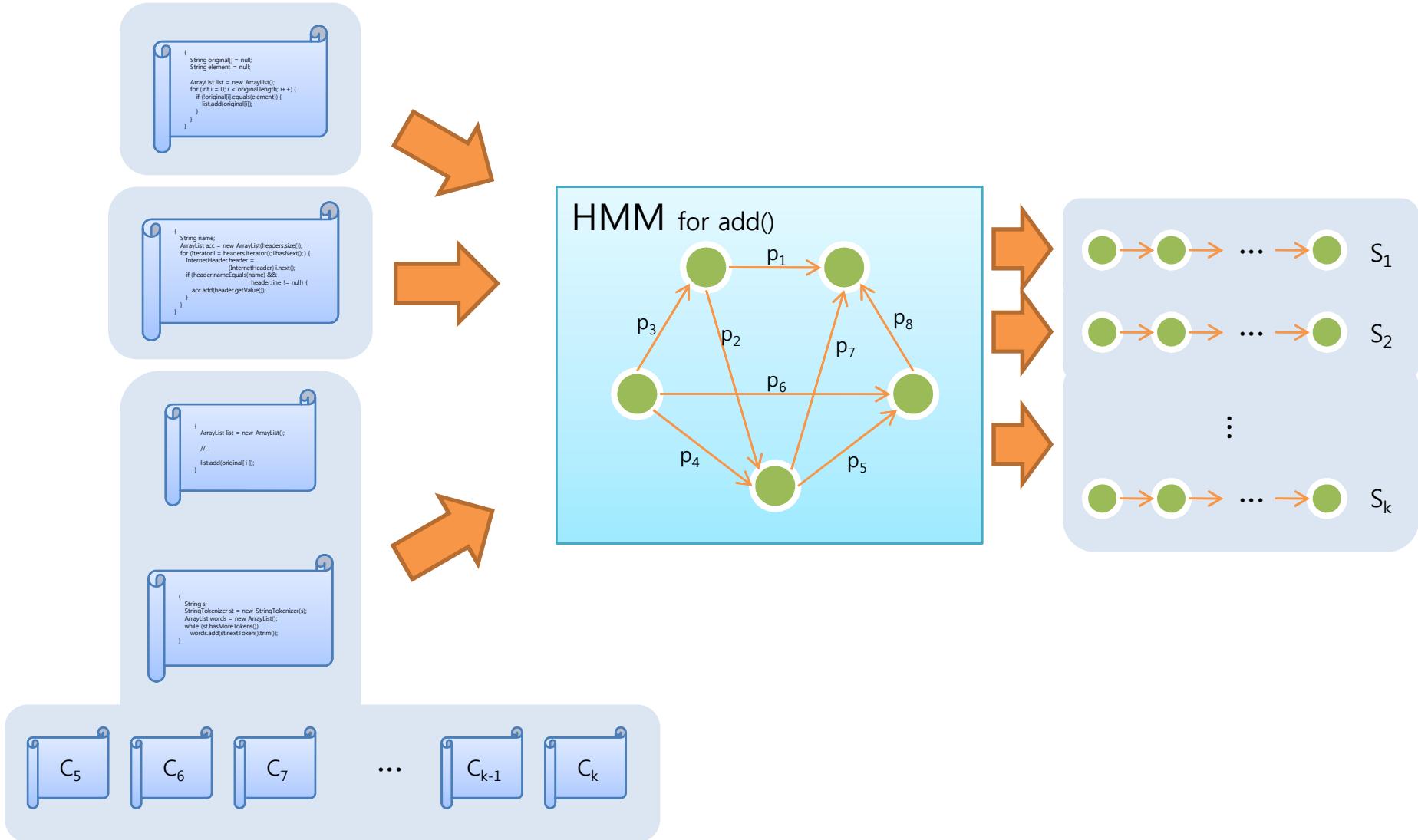
Learning HMM



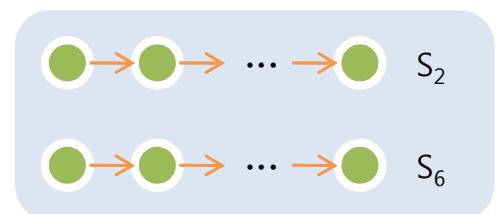
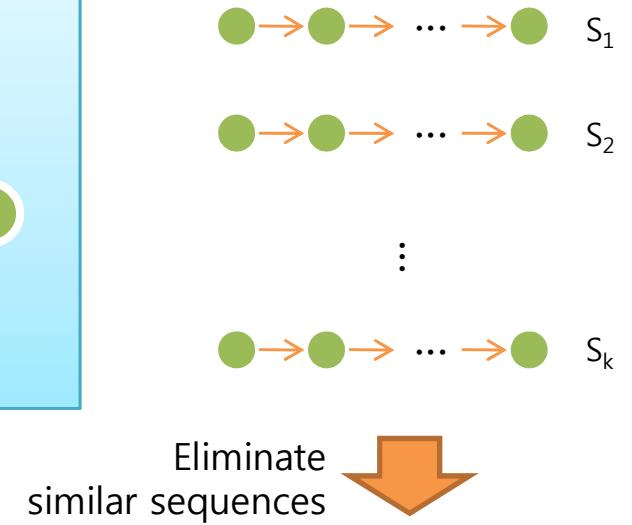
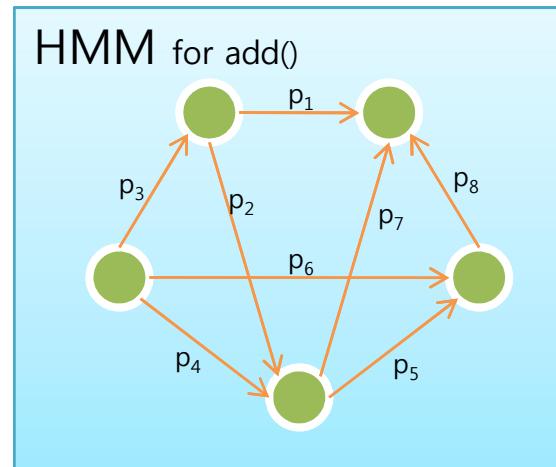
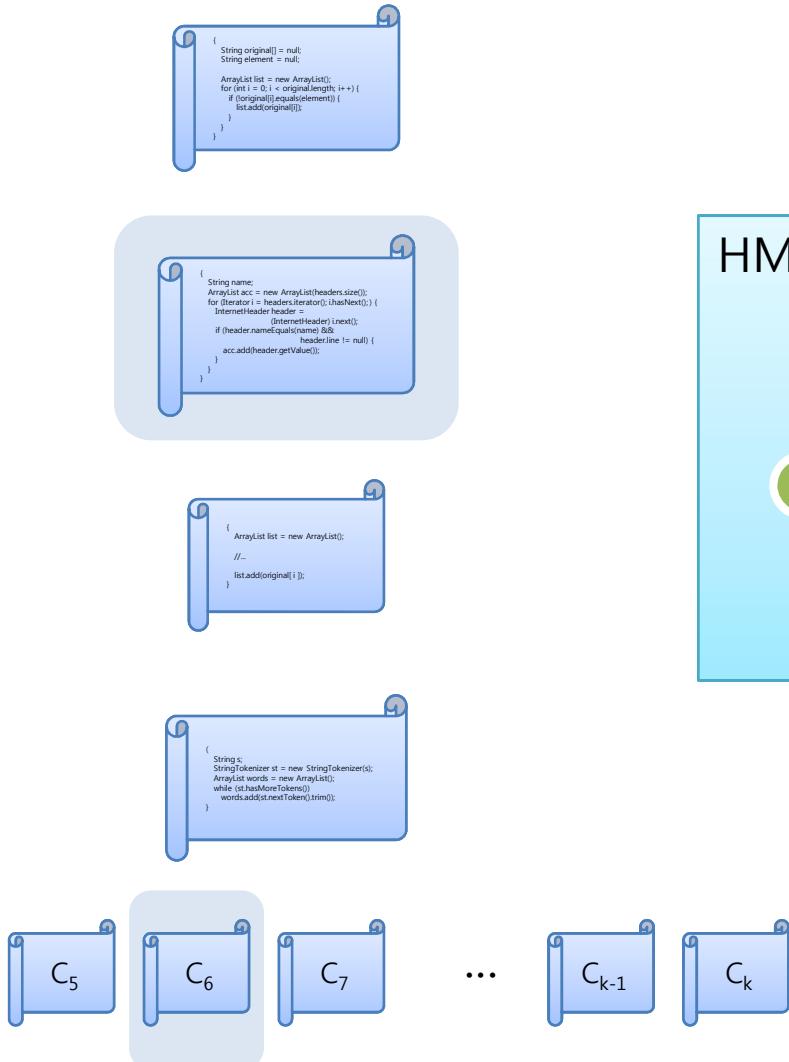
Finding the most probable example



Finding the representative examples in each usage



Finding the representative examples in each usage



Graphical models

- HMM
- Pseudo-2D HMM
- 2D Conditional Random Fields Model
- Hierarchical Markov Random Field Model
- Bayes(ian) (Belief) Networks
- ...

Q & A

Thank you for listening ...