#### Configuration:

STACK		BUFFER
S1	S0	b

#### Configuration:

STACK BUFFER

who developed the

#### Configuration:

STACK		BUFFER
S1	S0	b

Configuration:

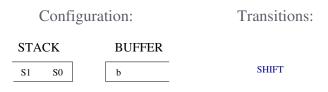
Transitions:

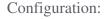
STACK

S1 S0

BUFFER

b

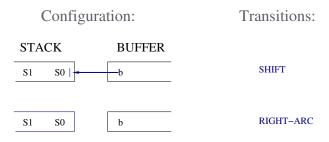


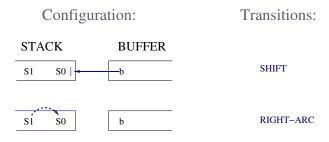


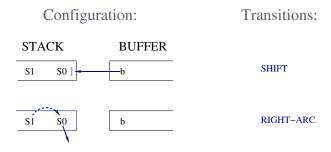
Transitions:

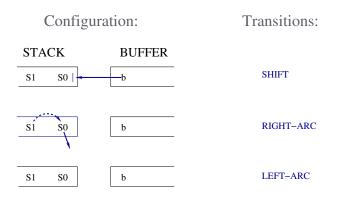


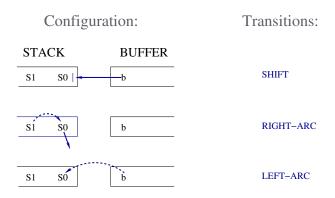
SHIFT

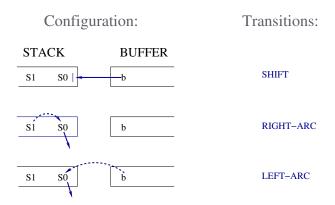


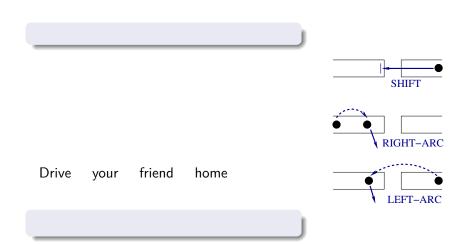


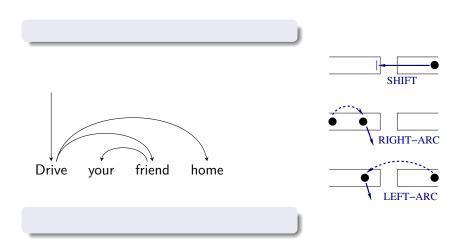


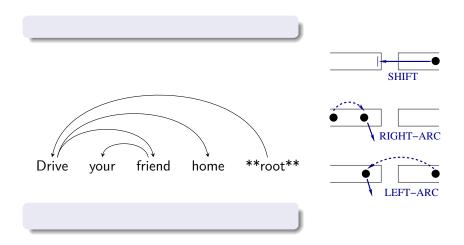




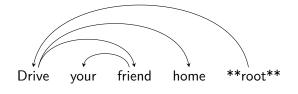




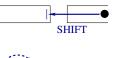


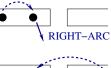


#### INITIAL CONFIGURATION

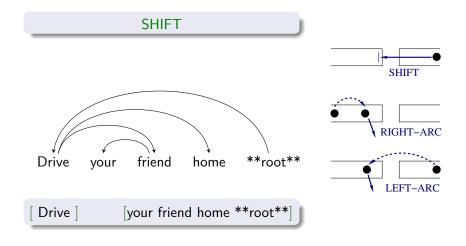


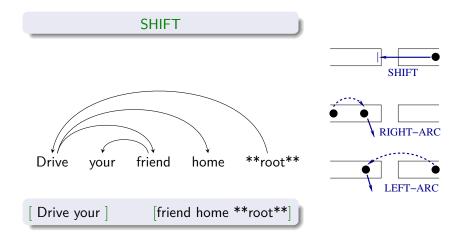
[ ] [Drive your friend home \*\*root\*\*]

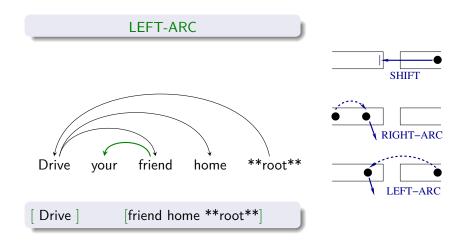


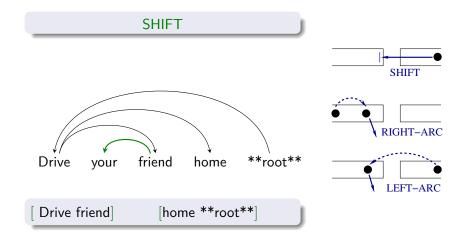


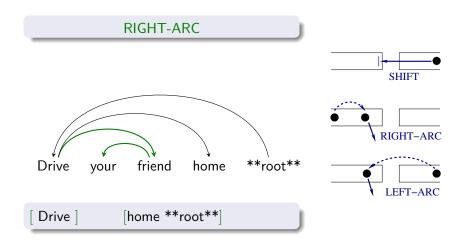


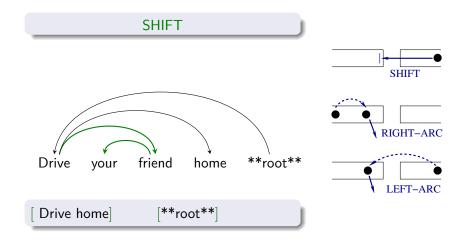


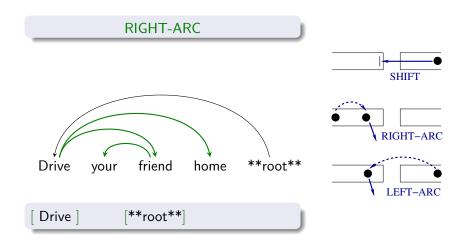


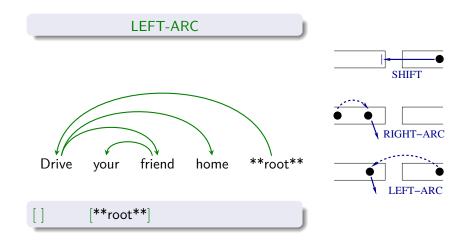




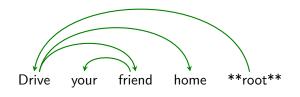




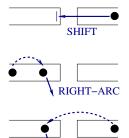




#### TERMINAL CONFIGURATION



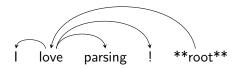
[] [\*\*root\*\*]



LEFT-ARC

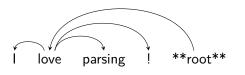
#### Quiz time!

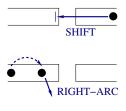
Goal: figure out the transition sequence for this tree:



#### Quiz time!

Goal: figure out the transition sequence for this tree:

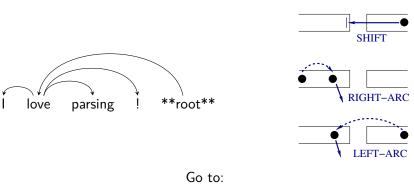




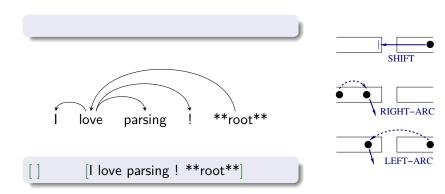


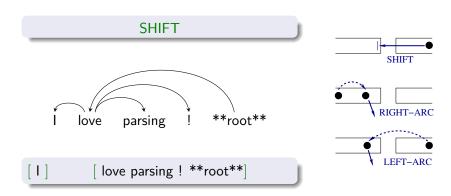
#### Quiz time!

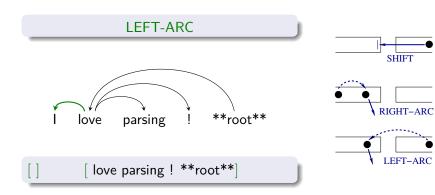
Goal: figure out the transition sequence for this tree:

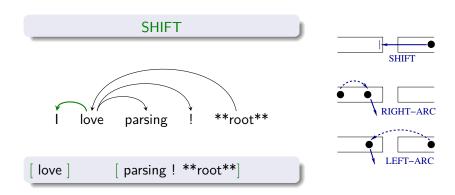


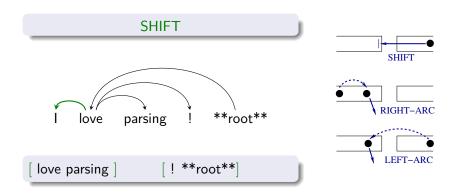
ucph.page.link/tb

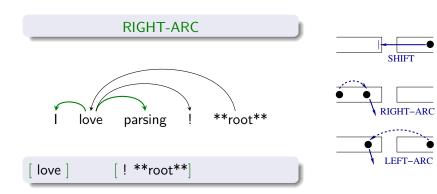


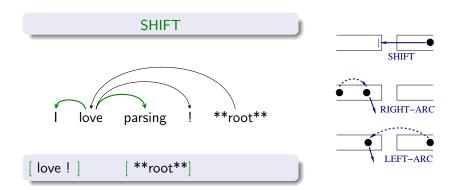


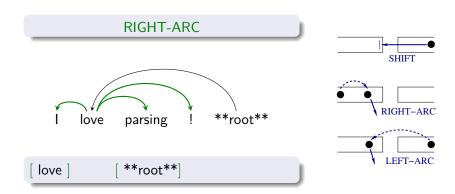


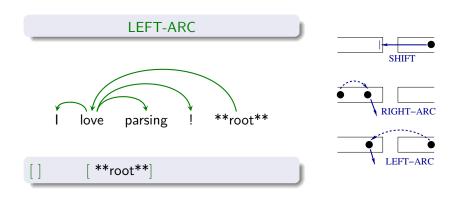












#### References

Marco Kuhlmann, Carlos Gómez-Rodríguez, and Giorgio Satta. 2011. Dynamic programming algorithms for transition-based dependency parsers. In Proceedings of the 49th Annual Meeting of the Association for Computational Linguistics: Human Language Technologies, pages 673–682.