Assignment 9 Tips/Practice

Uhura caught the tribble with the tricorder under the ship



N V D N P D

	$VP \rightarrow VP CP$
	11 11 01
$S \rightarrow NP VP$	$VP \rightarrow V NP$
$S \rightarrow CP VP$	$VP \rightarrow Aux VP$
	$VP \rightarrow V$
$PP \rightarrow P NP$	
$PP \rightarrow P$	$\alpha \rightarrow \alpha$ and α ,
	$S \rightarrow CP VP$ $PP \rightarrow P NP$

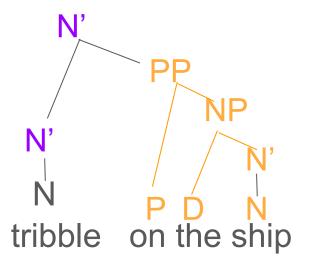
 $VP \rightarrow VP PP$

 $CP \rightarrow CS$

 $NP \rightarrow DN$

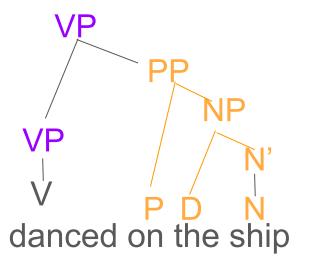
N V D N P D

They can attach to a N': N' \rightarrow N' PP





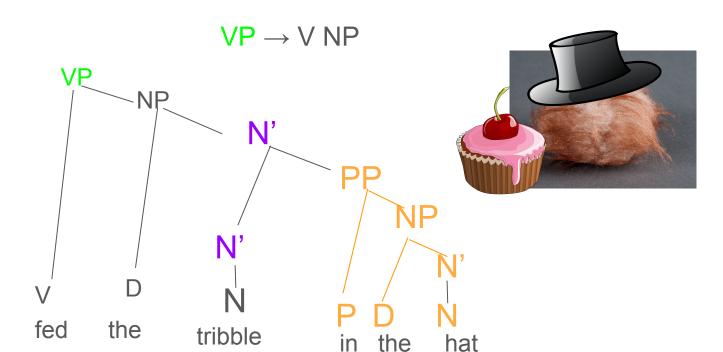
They can attach to a VP: VP → VP PP





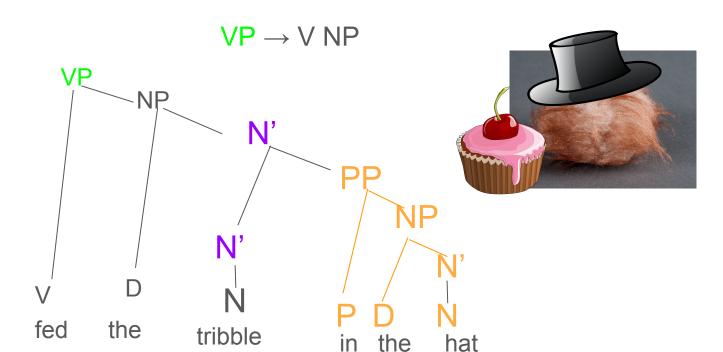
They can attach to a N' inside of a VP: N' → N' PP

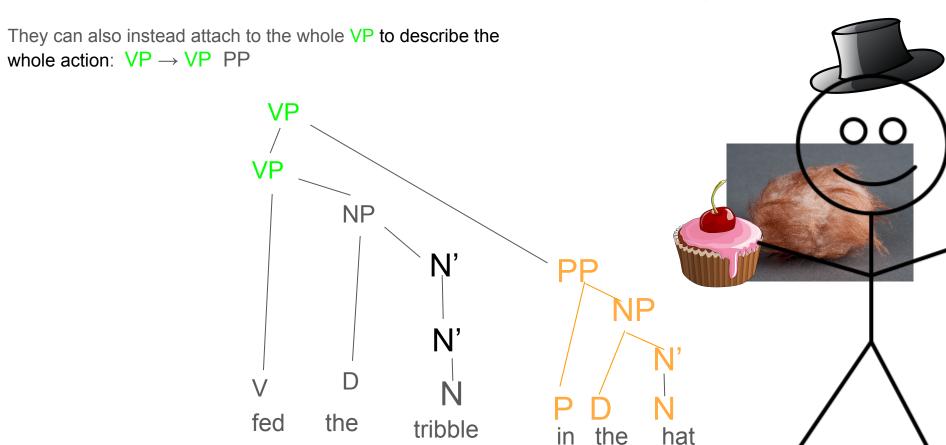
 $NP \rightarrow D N'$



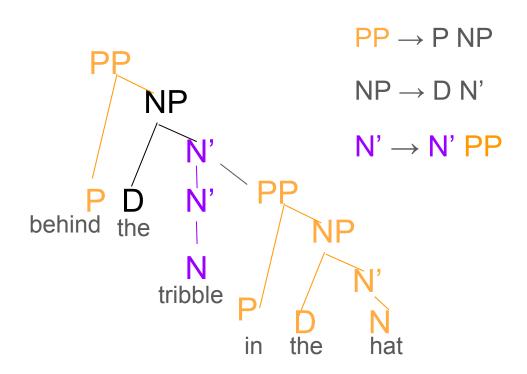
They can attach to a N' inside of a VP: N' → N' PP

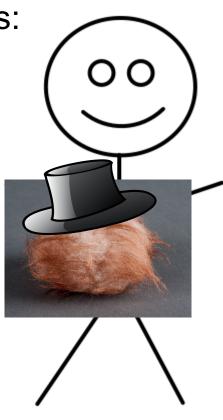
 $NP \rightarrow D N'$





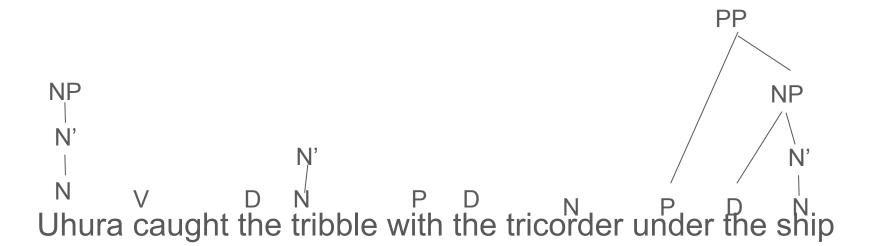
They can attach to a N' inside of another PP:

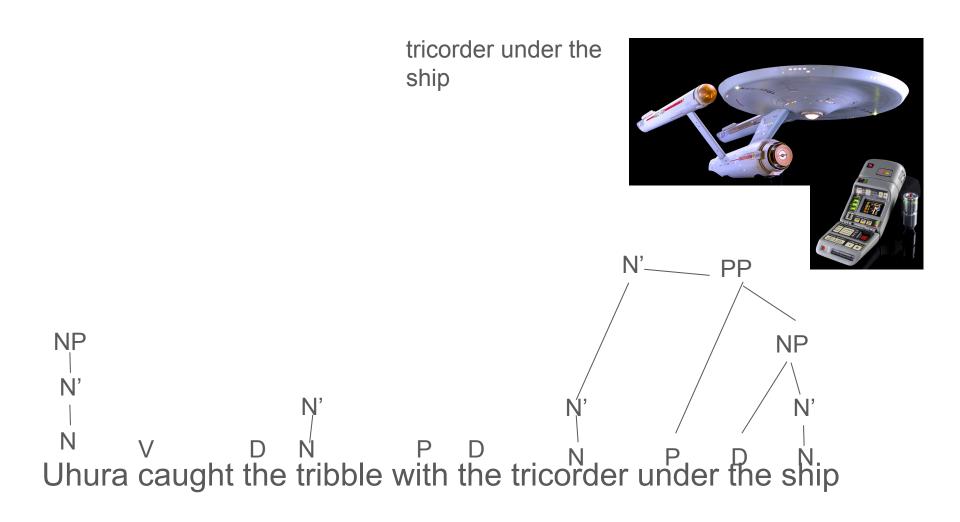


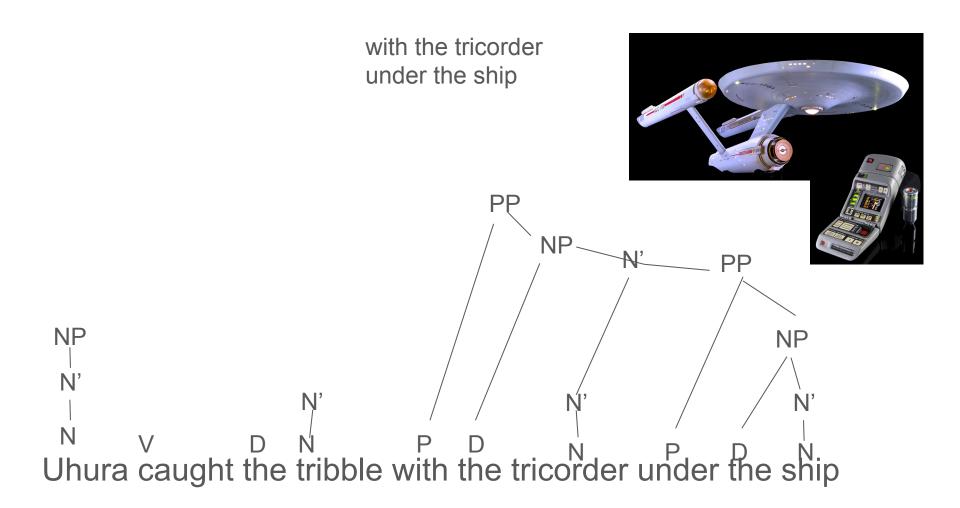


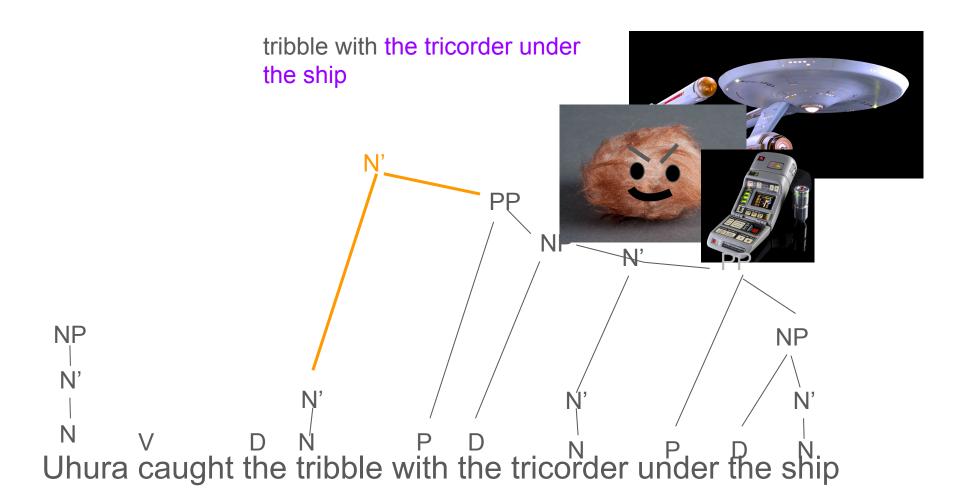
While looking for all the parses on Assignment 9, think about all the alternative places (N's, VPs, N's inside VPs, N's inside PPs) you can attach each PP to

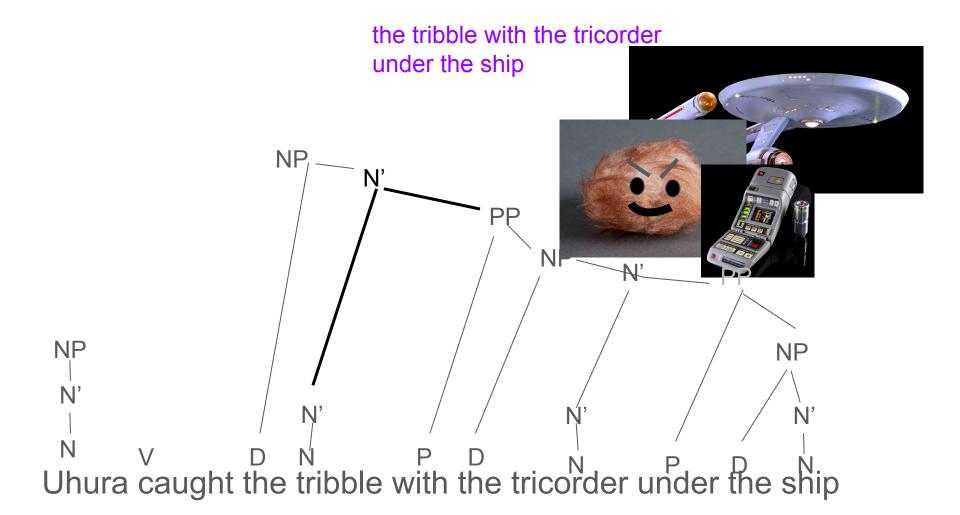
Example

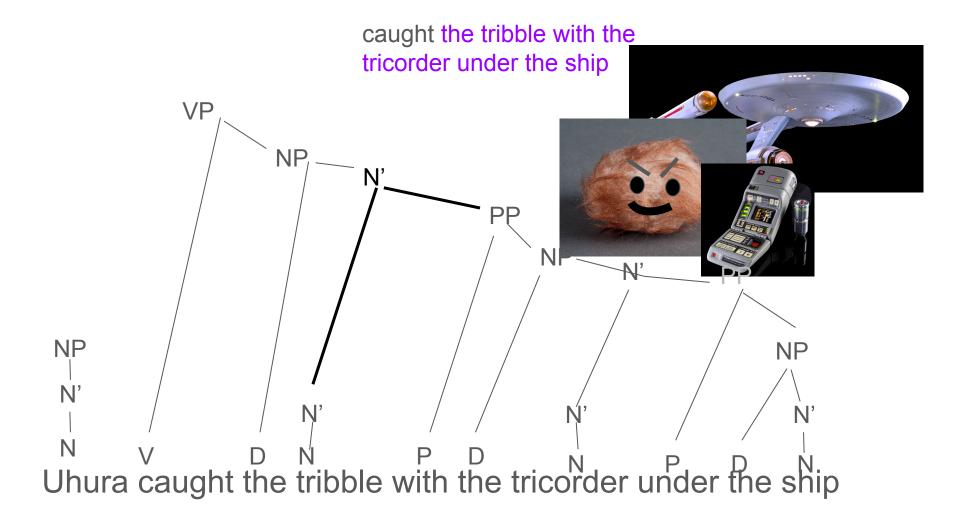


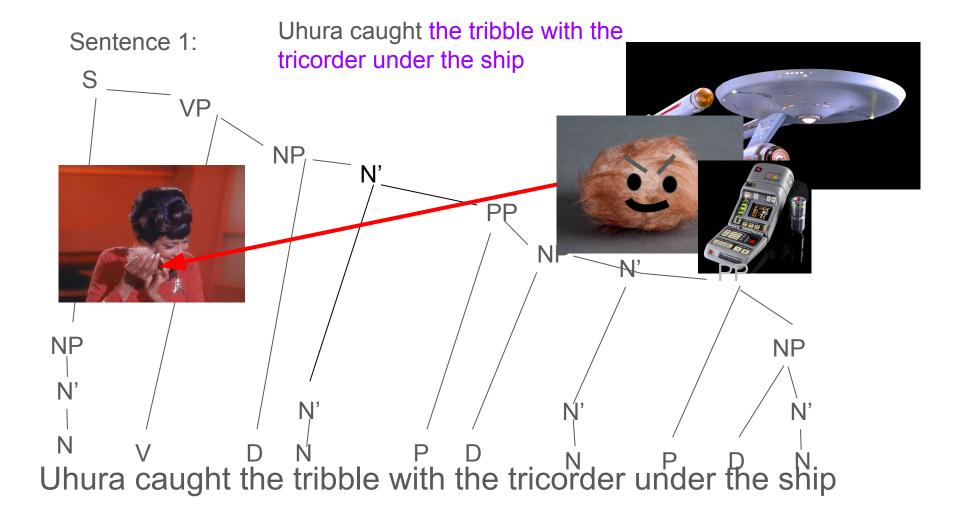










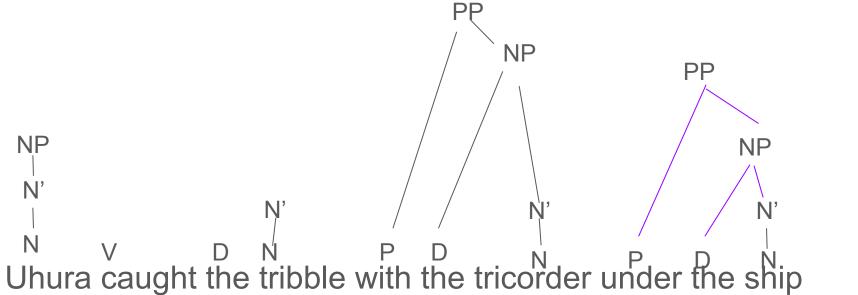


What if we don't attach the "under the ship" PP to "tricorder"? NP NP

Uhura caught the tribble with the tricorder under the ship







What if we attach "with the tricorder" to "tribble"? $N' \rightarrow N' PP$

NP

