

John	plays	<i>guitar</i>
\overline{NP}	$\overline{(S \setminus NP) / NP}$	\overline{NP}
<i>john</i>	$\lambda x \lambda y. \text{plays}(\text{subj}, y)$ $\wedge \text{plays}(\text{obj}, x)$	<i>guitar</i>
$\xrightarrow{\hspace{10cm}}$		
	$S \setminus NP$	
	$\lambda y. \text{plays}(\text{subj}, y) \wedge \text{plays}(\text{obj}, \text{guitar})$	
$\xleftarrow{\hspace{10cm}}$		
	S	
	$\text{plays}(\text{subj}, \text{john}) \wedge \text{plays}(\text{obj}, \text{guitar})$	