

STACK	BUFFER	NEW DEPENDENCY	TRANSITION
[ROOT]	[I, attended, lectures, in, the, NLP class]		Initial configuration
[ROOT, I]	[attended, lectures, in, the, NLP, class]		SHIFT
[ROOT, I, attended]	[lectures, in, the, NLP, class]		SHIFT
[ROOT, attended]	[lectures, in, the, NLP class]	attended → I	LEFT-ARC
[ROOT, attended, lectures]	[in, the, NLP, class]		SHIFT
[ROOT, attended]	[in, the, NLP, class]	attended → lectures	RIGHT-ARC
[ROOT, attended, in]	[the, NLP, class]		SHIFT
[ROOT, attended, in, the]	[NLP, class]		SHIFT
[ROOT, attended, in, the, NLP]	[class]		SHIFT
[ROOT, attended, in, the, NLP, class]	[]		SHIFT
[ROOT, attended, in, the, class]	[]	NLP ← class	LEFT-ARC
[ROOT, attended, in, class]	[]	the ← class	LEFT-ARC
[ROOT, attended, class]	[]	in ← class	LEFT-ARC
[ROOT, attended]	[]	attended → class	RIGHT-ARC
[ROOT]	[]	ROOT → attended	RIGHT-ARC