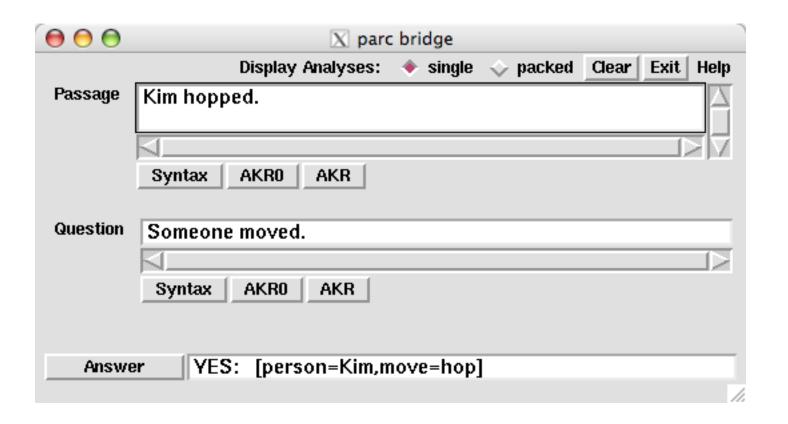
PARC's Bridge System: A Demo

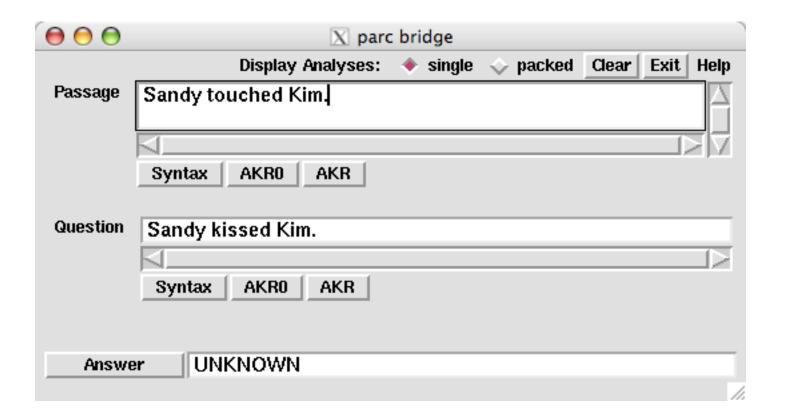


Kim ⊩ someone, hop ⊩ move



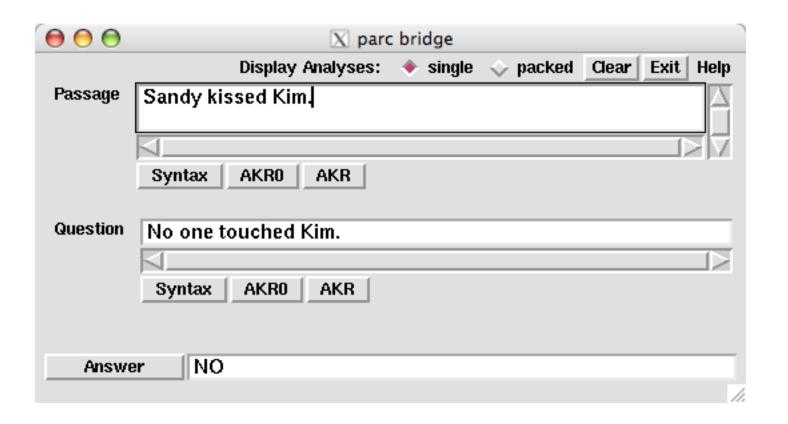


touch - kiss?



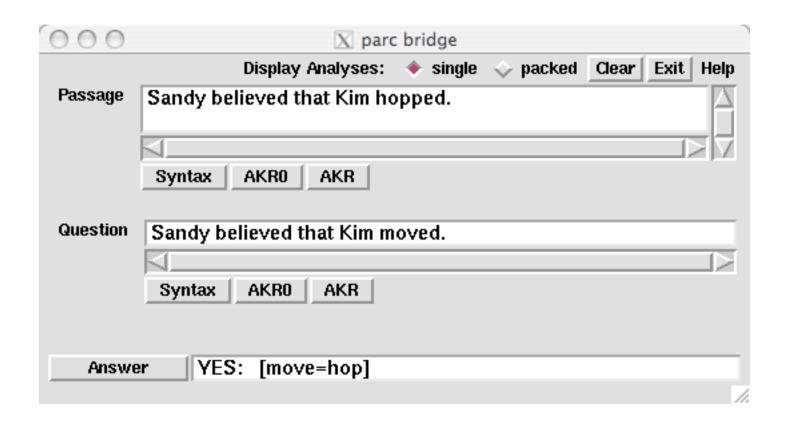


Sandy ⊩ someone, kiss ⊩ touch





(believe X, X ⊩ Y) ⊩ believe Y





Every(↓)(↑)

000	🗓 parc bridge
	Display Analyses: 🔷 single 💠 packed Clear Exit Help
Passage	Every boy saw a small cat.
	Syntax AKR0 AKR
Question	Every small boy saw a cat.
	Syntax AKR0 AKR
Answe	er YES

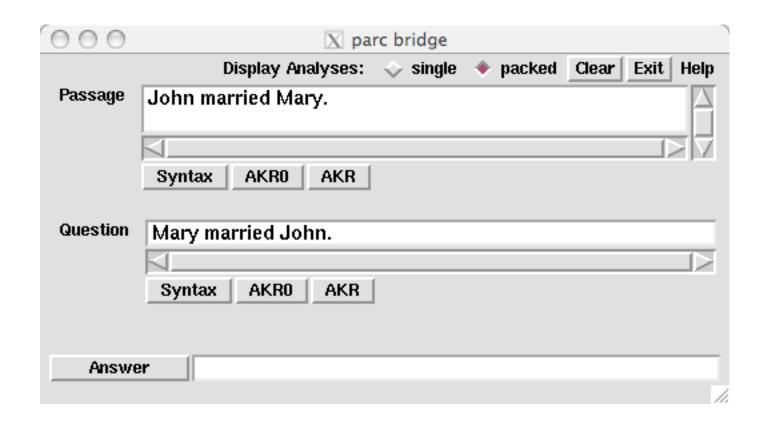


No(↓)(↓)

000	X parc bridge
	Display Analyses: 🔷 single 💠 packed Clear Exit Help
Passage	No little girl smiled.
	Syntax AKR0 AKR
Question	No girl smiled.
	Syntax AKR0 AKR
Answe	er UNKNOWN
Talowe	



marry is symmetric in one sense





```
X passage akr0
kill
   John married Mary.
   Choice Space:
    xor(A1, A2) iff 1
   Conceptual Structure:
      definite(Mary:14)
      definite(John:1)
      subconcept(marry:6,[marry-1,marry-2])
    A2: role(Patient,marry:6,Mary:14)
    A2: role(Agent,marry:6,John:1)
    A1: role(Actor2,marry:6,Mary:14)
    A1: role(Actor1, marry:6, John:1)
      subconcept(John:1,[male-2])
      alias(John:1,[John])
      role(cardinality restriction, John: 1, sg)
      subconcept(Mary:14,[female-2])
      alias(Mary:14,[Mary])
      role(cardinality restriction, Mary:14, sg)
   Contextual Structure:
      context(t)
      top_context(t)
      instantiable(John:1,t)
      instantiable(Mary:14,t)
      instantiable(marry:6,t)
   Temporal Structure:
      temporalRel(startsAfterEndingOf,Now,marry:6)
```

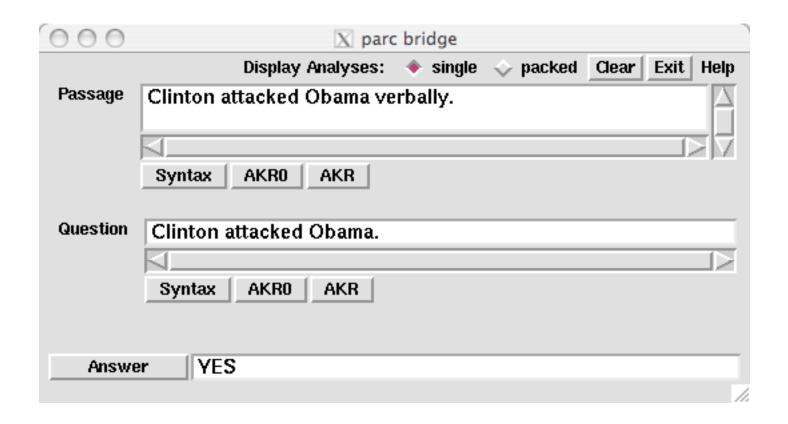


plane and level have one sense in common

000	X parc bridge
	Display Analyses: 🔷 single 🔷 packed Clear Exit Help
Passage	John saw the plane.
	Syntax AKR0 AKR
Question	John saw the level.
	Syntax AKR0 AKR
Answe	YES: [level=plane]

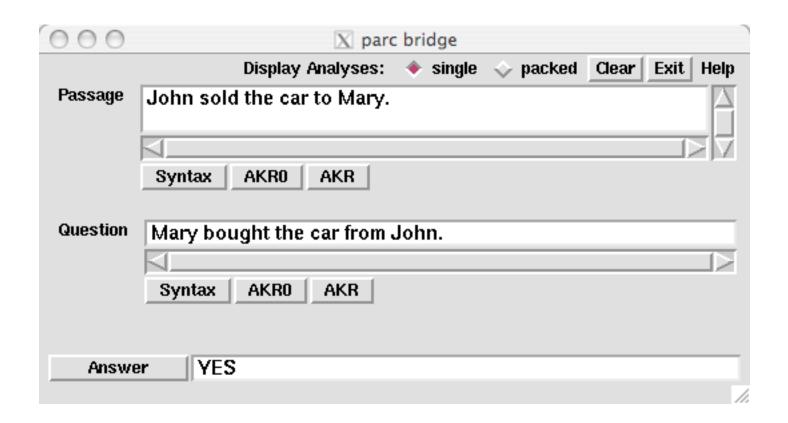


attack verbally - attack?



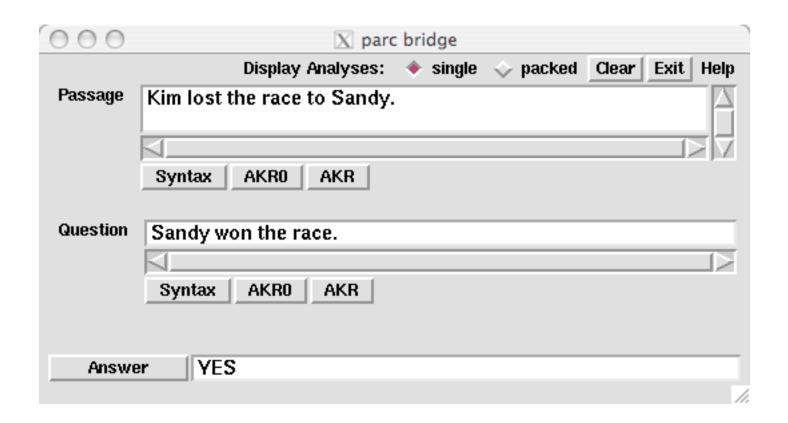


buy - sell



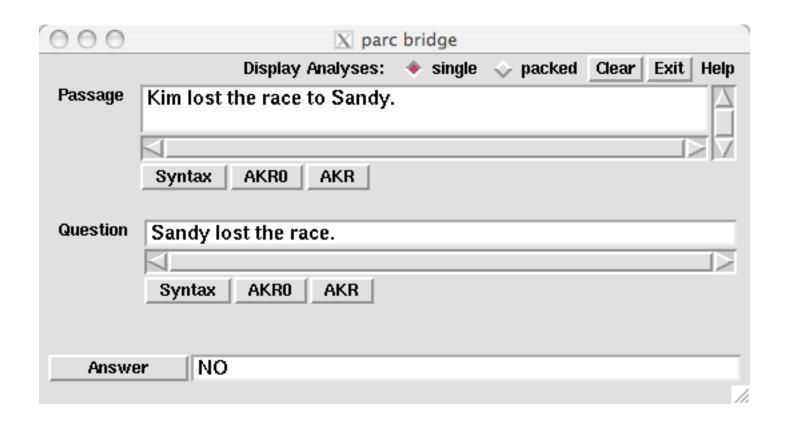


win - lose 1



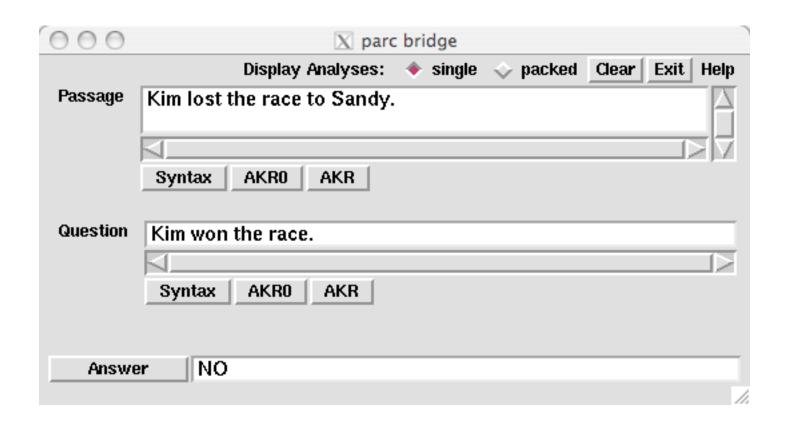


win - lose 2



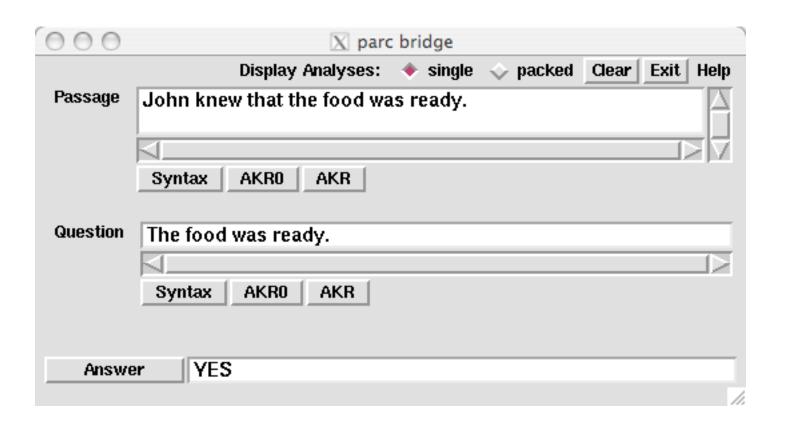


win - lose 3



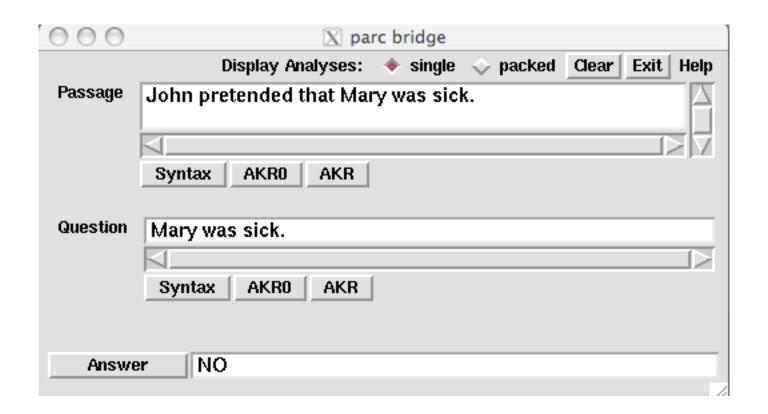


know that X → X





pretend that X → not X





pretend to X → not X

000	🗓 parc bridge
	Display Analyses: 🔷 single 💠 packed Clear Exit Help
Passage	John pretended to work.
	Syntax AKR0 AKR
Question	John worked.
	Syntax AKR0 AKR
Answe	er NO



have the N_c to X ~ X

000	🗓 parc bridge
	Display Analyses: 🔷 single 💠 packed Clear Exit Help
Passage	Ed had the chutzpah to steal the money.
	Syntax AKR0 AKR
Question	Ed stole the money.
	Syntax AKR0 AKR
	(NED
Answe	YES

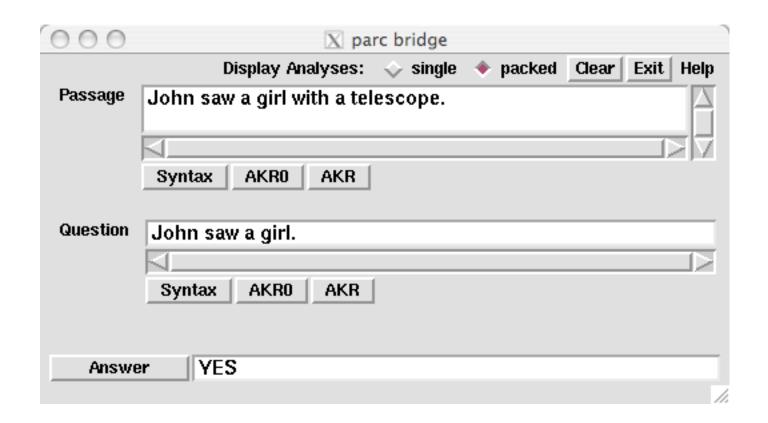


not forget to force to X → X

000	🗓 parc bridge
	Display Analyses: 🔷 single 💠 packed Clear Exit Help
Passage	Ed did not forget to force Dave to leave.
	Syntax AKR0 AKR
Question	Dave left.
	Syntax AKR0 AKR
Answe	er YES

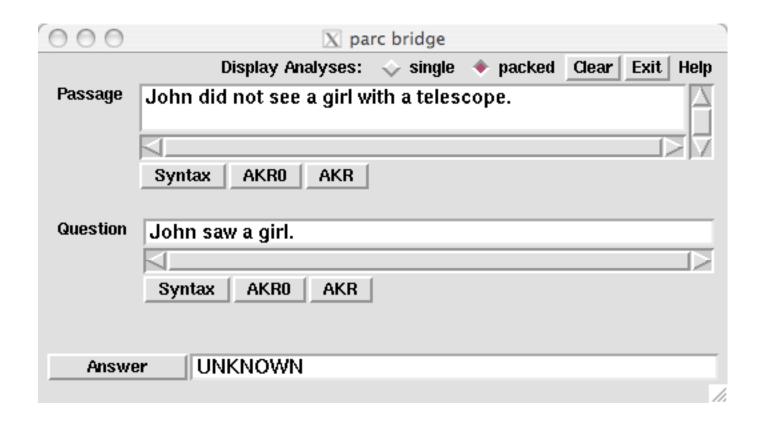


saw a girl with a telescope



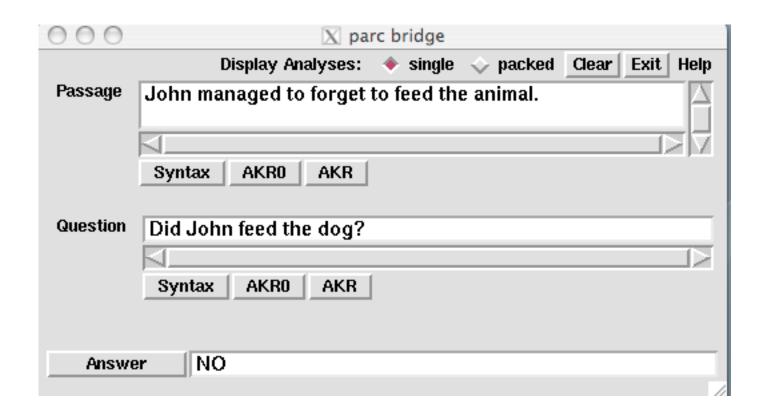


did not see a girl with a telescope



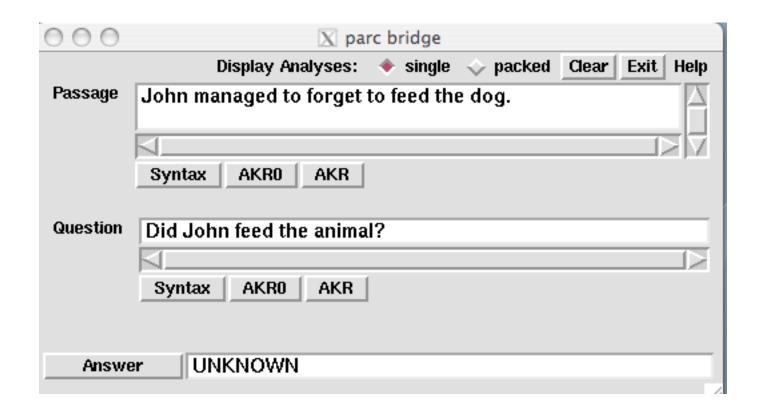


not feed dog → not feed animal





not feed dog? not feed animal





make three trips → travel twice (at least)

