

The Story Project

Part I - A Bear of Very Little Brain

CS343
Fall 2006

1 The story

Winnie-the-Pooh is a Bear of Very Little Brain: All Animals have Brains, but Winnie-the-Pooh has a very small one. Winnie-the-Pooh is not only a Bear, he's also a Poet. All Bears like Honey, and all Poets like Poetry. Poets make Poetry, but Bears don't make Honey. Bees do. (Remember that insects are animals. Also, you can encode that Bears don't make honey by just not saying that they make honey.)

2 The first set of questions

1. What kind of animal is Winnie-the-Pooh? He's a Bear.

```
KM> (allof (the instance-of of *Winnie) where ((the superclasses of It) includes Animal))
(Bear)
```

2. How big is Winnie-the-Pooh's brain? Very small

```
KM> (the size of (the Brain parts of *Winnie))
(*VerySmall)
```

3. What are the things that Winnie likes? Honey and Poetry.

```
KM> (the likes of *Winnie)
(*Honey *Poetry)
```

4. Does he make Honey? No.

```
KM> ((the makes of *Winnie) includes *Honey)
NIL
```

5. Buzzy is a Bee. Does he make honey? Yes.

```
KM> (*Buzzy has (instance-of (Bee)))
(*Buzzy)
KM> ((the makes of *Buzzy) includes *Honey)
(t)
```

3 Submitting

Submit using

```
turnin --submit jmugan story1 story1.km story1.txt
```

There is a 20% per day penalty for late submissions. To submit late use

```
turnin --submit jmugan story1-one-day-late story1.km story1.txt  
turnin --submit jmugan story1-two-days-late story1.km story1.txt  
turnin --submit jmugan story1-three-days-late story1.km story1.txt
```

It is important that you call your files story1.km and story1.txt, otherwise the grading program will not be able to find them.