

Lab 2 Questions and Answers



1. Gruff “right mouse button” is confusing!

Answer: it provides interactive expansion of the graph letting me...(do whatever)

2. We are not yet taught how to create a class (e.g., Person, Movie) in Jena and how to create instances for the class. Do we have to search for the Jena Javadoc and figure it out by ourselves?

Answer: Yes. The Jena tutorials offer examples, too.

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3. Do I come up with the URI for the resources, i.e., Stanley Kubrick and the movies, by themselves? That could be something random.

Answer: Yes. This was the intention. It would be preferred, for grading purposes, if the namespace at least starts with:
“<http://utdallas.edu/semclass>”

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4. We need a predicate “directed” (or similar) to connect the person and the movies, a predicate “produced-in-year” to connect the movie and the year, etc. Do we define our own predicates? Would you provide some hint or reference for doing this?

Answer: Yes. Define your own predicates. Jena tutorials offer some examples.

5. Should I use the OntModel class?

Answer: No. Even though it was used in “Class Demo 1”, don’t use it at this point.

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6. Can I create a “movie” as an object property of “Stanley Kubrick” and then add properties like the date, year, and cast to it?

Answer: This implies a “Stanley Kubrick” class. In OWL, you will learn that it is bad to use instances as classes (i.e., making a “Stanley Kubrick” class). It makes your knowledge store “OWL Full” (i.e., reasoning may not complete). It is a bad (and maintenance confusing) approach.

