

TUTORS:

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QUESTIONS: Please don't hesitate to ask any questions. Questions help you and your peers.

PRINT: Please consider the environment before printing the exercise.

1 Text to Turtle (including RDFS semantics)

Required rdfs properties. `rdfs:subClassOf`, `rdfs:domain`, `rdfs:range`, `rdfs:subPropertyOf`

Text:

The person Lucky Luke has a friend Jolly Jumper who is a horse.

However, Lucky Luke has also an enemy, Joe Dalton who is a person.

Rantanplan is a Dog and he knows Lucky Luke but he is a friend of Jolly Jumper.

Classes:

- `ex:Person`
- `ex:Horse`
- `ex:Dog`
- `ex:Animal`
- `ex:LivingCreature`.

Properties:

- `ex:isFriendOf`
- `ex:isEnemyOf`
- `ex:knows`

1a) Create class hierarchy using the subclass relation and draw a diagram

1b) Create property hierarchy and define domain range restrictions

1c) Translate text snippet into Turtle serialization