

Exercise 2: Modelling a Conceptual Model of a Zoo

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Domain Description

- Zoo International is a company with eight zoos in several European cities. Each zoo has a name, an address and a telephone number.
- For each animal, the company need to document name, species, gender and birth year. The animal is taken care of by animal keepers. An animal keeper has a name, a mobile phone number and an employee number.
- An animal can either be born at the zoo or be bought from outside. As soon as an animal is born or arrive at the zoo, the animal need to be registered by an adminstrator at the zoo. The date for the registration need to be documented. The adminstrator has a name, a mobile phone number and an employee number.
- Each animal has a animal keeper that is responsible for the animal. A animal keeper can be responsible for several animals, but an animal can only have one responsible animal keeper.
- The administrators and animal keepers are employed by one zoo, they cannot be employed by several zoos

Your Task

- Represent the concepts/terms in the domain description by creating a conceptual model using UML Class Diagram