

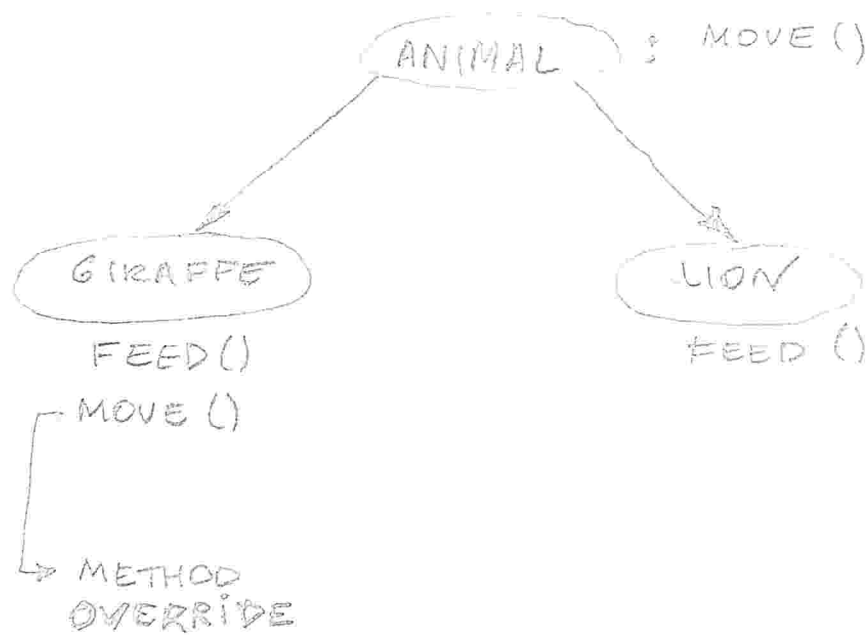
① A IS-A B.

\forall METHODS IN B ARE APPLICABLE TO ATTRIBUTES OF A

② A BEHAVES LIKE A B. # MORE FLEXIBLE THAN ①

TIP: >>> IS INSTANCE (SIMBA, LION)

? : MULTIPLE INHERITANCE ? THE ALGORITHM OF INHERITANCE?



? SUPER...?

THE DEFAULT INTERFACE BEHAVIOUR CAN BE OVERWRITTEN, AND ADDING ON TO THE BEHAVIOUR CAN BE ACHIEVED BY CALLING THE METHOD IN THE PARENT CLASS EXPLICITLY OR BY USING SUPER... PREFIX.

ATTRIBUTES AND `--INIT--`:

- ATTRIBUTES MUST ALWAYS BE IN THE CONSTRUCTOR OF THE CLASS.
- COMMON ATTRIBUTES CAN BE SET IN THE PARENT CLASS.

EXAMPLE

CLASS LION(ANIMAL):

ANIMAL, `--INIT--` (SELF, new_name)