

UML Diagram for AnimalKingdom

classDiagram

```
class Animal
<> Animal
Animal <|-- Dog
Animal <|-- Cat
Animal <|-- Bat
Animal <|-- Bee

class IMammal
<> IMammal
Dog ..|> IMammal
Cat ..|>IMammal
Bat ..|>IMammal

class ICanFly
<> ICanFly
Bat ..|>ICanFly
Bee ..|>ICanFly

IMammal <|.. NumberOfNipples
ICanFly <|.. NumberOfWings
```