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Class Bat

java.lang.Object
 zoo.Animal
 species.Bat

All Implemented Interfaces:

[Avian](#), [Mammal](#)

```
public class Bat
extends Animal
implements Mammal, Avian
```

Field Summary

Fields inherited from class zoo.Animal

dateOfArrival, dateOfBirth, exhibitnumber, gender, IDNUM, medication, name, offspring, vaccine

Fields inherited from interface animal_types.Mammal

AnimalType

Fields inherited from interface animal_types.Avian

AnimalType

Constructor Summary

Constructors

Constructor and Description

Bat()

```
Bat(int IDNUM, java.lang.String name, java.lang.String dateOfBirth,
java.lang.String dateOfArrival, java.lang.String gender,
java.lang.String offspring, java.lang.String medication,
java.lang.String vaccine, int exhibitnumber)
```

Method Summary
All Methods **Instance Methods** **Concrete Methods**

Modifier and Type	Method and Description
java.lang.String	getDateofArrival()
java.lang.String	getDateOfBirth()
int	getExhibitnumber()
java.lang.String	getGender()
int	getIDNUM()
java.lang.String	getMedication()
java.lang.String	getName()
java.lang.String	getOffspring()
java.lang.String	getType1()
java.lang.String	getType2()
java.lang.String	getVaccine()
void	setDateOfArrival (java.lang.String dateOfArrival)
void	setDateOfBirth (java.lang.String dateOfBirth)
void	setExhibitnumber (int exhibitnumber)
void	setGender (java.lang.String gender)
void	setIDNUM (int IDNUM)
void	setMedication (java.lang.String medication)
void	setName (java.lang.String name)
void	setOffspring (java.lang.String offspring)
void	setVaccine (java.lang.String vaccine)

```
java.lang.String    toString()
```

Methods inherited from class zoo.Animal

```
getDateofarrival, getDateofbirth, setDateofarrival, setDateofbirth
```

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait,  
wait
```

Constructor Detail

Bat

```
public Bat()
```

Bat

```
public Bat(int IDNUM,  
           java.lang.String name,  
           java.lang.String dateOfBirth,  
           java.lang.String dateOfArrival,  
           java.lang.String gender,  
           java.lang.String offspring,  
           java.lang.String medication,  
           java.lang.String vaccine,  
           int exhibitnumber)
```

Method Detail

getIDNUM

```
public int getIDNUM()
```

Overrides:

```
getIDNUM in class Animal
```

getName

```
public java.lang.String getName()
```

Overrides:

```
getName in class Animal
```

setName

```
public void setName(java.lang.String name)
```

Overrides:

```
setName in class Animal
```

setIDNUM

```
public void setIDNUM(int IDNUM)
```

Overrides:

```
setIDNUM in class Animal
```

getDateOfBirth

```
public java.lang.String getDateOfBirth()
```

setDateOfBirth

```
public void setDateOfBirth(java.lang.String dateOfBirth)
```

getDateofArrival

```
public java.lang.String getDateofArrival()
```

setDateOfArrival

```
public void setDateOfArrival(java.lang.String dateOfArrival)
```

getGender

```
public java.lang.String getGender()
```

Overrides:

`getGender` in class `Animal`

setGender

```
public void setGender(java.lang.String gender)
```

Overrides:

`setGender` in class `Animal`

getOffspring

```
public java.lang.String getOffspring()
```

Overrides:

`getOffspring` in class `Animal`

setOffspring

```
public void setOffspring(java.lang.String offspring)
```

Overrides:

`setOffspring` in class `Animal`

getMedication

```
public java.lang.String getMedication()
```

Overrides:

`getMedication` in class `Animal`

setMedication

```
public void setMedication(java.lang.String medication)
```

Overrides:

```
setMedication in class Animal
```

getVaccine

```
public java.lang.String getVaccine()
```

Overrides:

```
getVaccine in class Animal
```

setVaccine

```
public void setVaccine(java.lang.String vaccine)
```

Overrides:

```
setVaccine in class Animal
```

getExhibitnumber

```
public int getExhibitnumber()
```

Overrides:

```
getExhibitnumber in class Animal
```

setExhibitnumber

```
public void setExhibitnumber(int exhibitnumber)
```

Overrides:

```
setExhibitnumber in class Animal
```

getType1

```
public java.lang.String getType1()
```

Returns:

the type1

getType2

```
public java.lang.String getType2()
```

Returns:

the type2

toString

```
public java.lang.String toString()
```

Overrides:

`toString` in class `Animal`

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