OVERVIEW   PACKAGE   CLASS   USE   TREE   DEPRECATED   INDEX   HELP

PREV CLASS   NEXT CLASS   FRAMES   NO FRAMES

SUMMARY: NESTED | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD

species

Class Duck

java.lang.Object
    zoo.Animal
        species.Duck

All Implemented Interfaces:

Aquatic, Avian

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public class **Duck**
extends Animal
implements Avian, Aquatic

Field Summary

Fields inherited from class zoo.Animal

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

Fields inherited from interface animal_types.Avian

AnimalType

Fields inherited from interface animal_types.Aquatic

AnimalType

Constructor Summary

Constructors

Constructor and Description

Duck()

Duck(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

Duck

```
public Duck()
```

Duck

```
public Duck(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