This is the first iteration of the ZooKeeper narrative as generated from student suggestions on 3 March 2005. It matches almost exactly the ZooKeeper relational database description and SQL create procedure script.

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Class Diagrams

Classes

class Animal
class Cage
class Food
class Ration

Class Diagrams

Class Diagram <default>
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Class Nodes
Animal
Cage
Food
Ration


Class Detail

Class Animal

```java
public class Animal
```

### Field Summary

- `private int aGender`
- `private int aName`
- `private int aSpecies`
- `private Ration lnkRation`

### Method Summary

- `public void whereDoYouLive()`

### Field Detail

#### aGender
- `private int aGender`

#### aName
- `private int aName`

#### aSpecies
- `private int aSpecies`

#### lnkRation
- `private Ration lnkRation`

### Method Detail

#### whereDoYouLive
- `public void whereDoYouLive()`

Class Cage

```java
public class Cage
```

### Field Summary

- `private int cLoc`
  - The location of the cage.
- `private int cSize`
  - Cage size: small, medium, large.
- `private int cType`
  - Type of cage: moat, bars, unbarred.
- `private Animal lnkAnimal`

Field Detail

cLoc
private int cLoc
   The location of the cage.

cSize
private int cSize
   Cage size: small, medium, large.

cType
private int cType
   Type of cage: moat, bars, unbarred.

inkAnimal
private Animal inkAnimal

Class Food

class Food

Field Summary

private int fDesc
private int fInv
private int fUnits
private Ration inkRation

Field Detail

fDesc
private int fDesc

fInv
private int fInv

fUnits
private int fUnits

inkRation
private Ration inkRation

Class Ration

class Ration
### Field Summary

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><code>private int</code></td>
<td><code>rHowMuch</code></td>
</tr>
<tr>
<td><code>private int</code></td>
<td><code>rHowOften</code></td>
</tr>
</tbody>
</table>

### Field Detail

**rHowMuch**

private int rHowMuch

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**rHowOften**

private int rHowOften