

```

If($result===null)
{
    throw new Exception("No records retrieved from Database");
}

$this->dogs_array = mysqli_fetch_assoc($result);

mysqli_free_result($result);

mysqli_close($con);

```

Most of the code required for the constructor method is associated to connecting, retrieving, and disconnecting from the database. The `mysqli_connect` method uses the server location (`$server`), database user ID (`$db_username`), database password (`$db_password`), and database name (`$database`) to connect to the database. If `mysqli_connect_errno` contains any errors an `Exception` is thrown describing the error. If there are no errors, a SQL `SELECT` statement (`$sql`) is used to retrieve all the records from the `Dogs` table in the database. If no records are retrieved, another exception is thrown. If records are retrieved, the `mysqli_fetch_assoc` method will convert the data into an associate array. The `mysqli_free_result` statement releases the data from `$result`. The `mysqli_close` method closes access to the database.

The destructor takes a little more coding. However, the looping is similar to saving the XML data.

```

$mysqli = new mysqli($server, $db_username, $db_password, $database);
if ($mysqli->connect_errno)
{
    throw new Exception("MySQL connection error:" . $mysqli->connect_error);
}
If( (!$mysqli->query("DROP TABLE IF EXISTS Dogs") ||
    (!$mysqli->query("CREATE TABLE IF NOT EXISTS Dogs (dog_id CHAR(4), dog_name CHAR(20),
    dog_weight CHAR(3), dog_color CHAR(15), dog_breed CHAR(35)")) )
{
throw new Exception("Dog table can't be created or deleted. Error: " . $mysqli->error);
}
foreach ($this->dogs_array as $dogs=>$dogs_value) {
    foreach ($dogs_value as $dog => $dog_value)
    {
        $dog_id = $dog_value["dog_id"];
        $dog_name = $dog_value["dog_name"];
        $dog_weight = $dog_value["dog_weight"];
        $dog_color = $dog_value["dog_color"];
        $dog_breed = $dog_value["dog_breed"];
        If(!$mysqli->query("INSERT INTO Dogs(dog_id, dog_name, dog_weight, dog_color,
        dog_breed) VALUES ('$dog_id', '$dog_name', '$dog_weight', '$dog_color',
        '$dog_breed')"))
        {
            throw new Exception("Dog Table Insert Error: " . $mysqli->error);
        }
    }
}
...

```