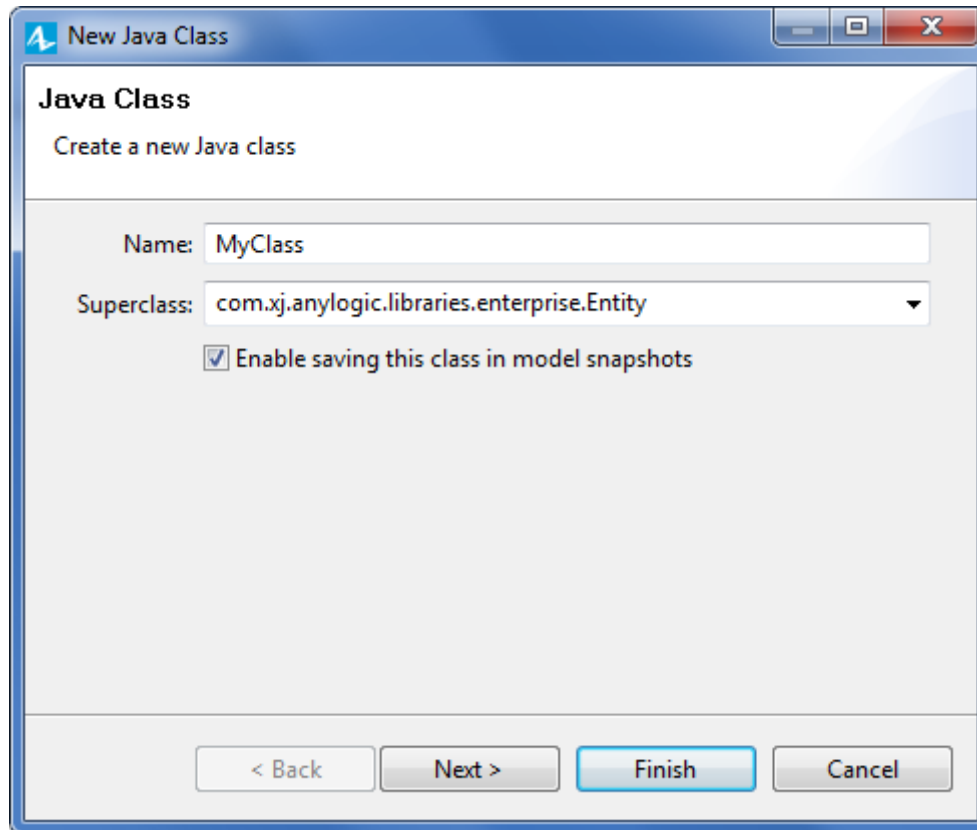## Adding Java Classes

AnyLogic allows the user to create his/her own Java classes in the model with any required functionality.

**To add a Java class**

1. In the **Projects** view, right-click (Mac OS: Ctrl+click) the model item you are currently working with, and choose **New > Java Class…** from the popup menu.
2. The **New Java Class** wizard is displayed.



3. On the first page of the wizard, specify the name of the new Java class in the **Name** field and optionally type in the superclass name in the **Superclass** edit box.
4. Click **Next** to go to the next page of the wizard.

5. On the second page of the wizard, specify Java class fields. Fields are specified in the table, each class field is defined in the separate row. Enter the type of the field in the **Type** cell, name of the field in the **Name** cell and optionally name the access modifier in the **Access** cell and specify the initial value in the **Initial value** cell.

6. Using **Create constructor** and **Create toString() method** check boxes, specify whether you want default class constructor and toString() method to be created automatically.

7. Click **Finish** to complete the process. You will see the code editor for the created class opened.

```java
/**
 * MyClass
 */
public class MyClass extends com.xj.anylogic.libraries.enterprise.Entity impl

    int creationTime = 0;


    /**
     * Default constructor
     */
    public MyClass(){
    }

    /**
     * Constructor initializing the fields
     */
    public MyClass(int creationTime){
        this.creationTime = creationTime;
    }

    @Override
    public String toString() {
        return
            "creationTime = " + creationTime +" ";
    }
```