
How to generate state machine code from UML

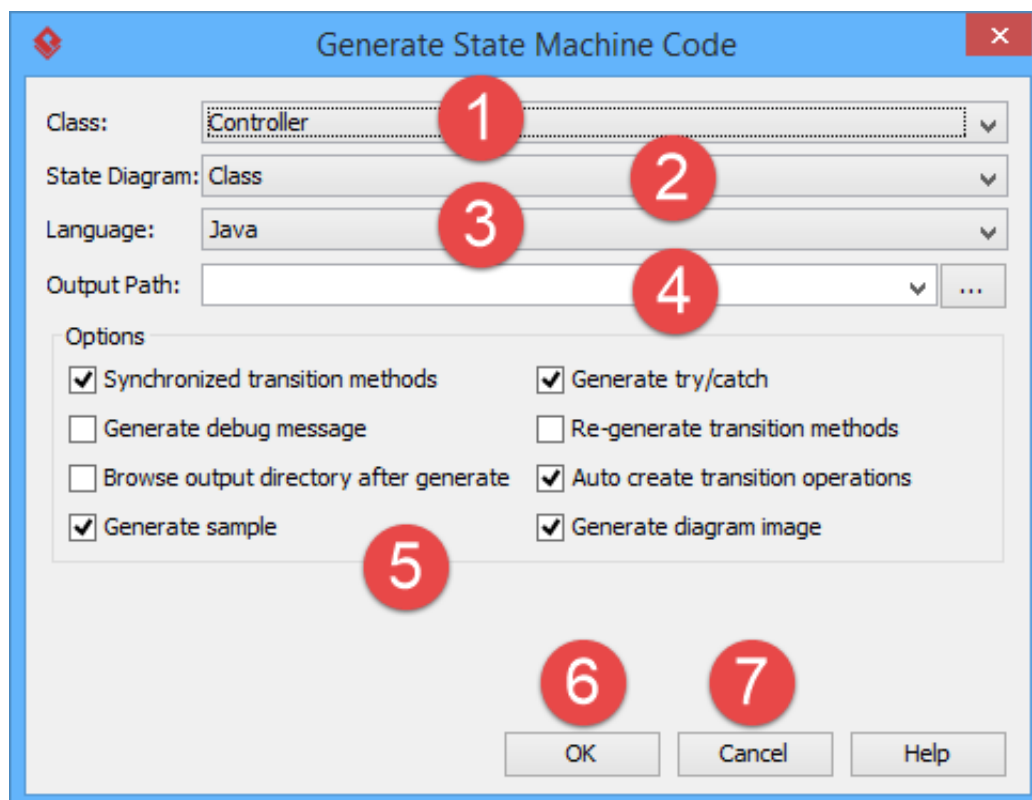
Once the controller class and state machine are modeled, you can generate state machine code for the controller and state machine. With the generated state machine, you can run instant generator to produce other classes, like the model and view classes, and incooperate with the state machine code.

To generate state machine code:

1. Select **Tools > Code > Generate State Machine Code...** from the toolbar.
2. In the **Generate State Machine** dialog box, select the controller class for generating state machine.
3. Select the state machine in the drop down menu **State Diagram** for generating code.
4. Select the programming language of the code.
5. Specify the output path to save the generated code to.
6. Optionally configure the generator options.
7. Click **OK** to generate.

Note: There must be at least one class that contain sub state machine diagram in order to open the **Generate State Machine Code** window.

An overview of Generate State Machine Code window



No.	Name	Description
1	Class	The controller class for generating state machine.
2	State Diagram	The state machine (in the form

No.	Name	Description
		of state machine diagram) to generate. It must be a sub-class of the chosen controller class.
3	Language	The programming language of code to generate.
4	Output Path	The output path of state machine code.
5	Options	