Implementing or Overriding Operations

When you inherit Classes from the base Class that has abstract functions, you have to redefine them in the inherited Classes. The implement/override operations tool will help you generate operations that are defined as abstract in the base Class.

The **Implement/Override Operations** command can be invoked in two cases:

* When one classifier inherits operations from the base classifier (Generalization relationship).
* When some classifiers implement an Interface (Realization relationship).

To start the Implement/Override Operations tool

1. In the shortcut menu of the selected Class, select **Tools** > **Code Engineering**.
2. Select **Implement/Override Operations.**
3. The **Select Operations to Implement/Override** dialog box opens.

Box	Function
All	Contains names of all operations defined within the selected class.
Selected	Contains the selected operations.
>	Moves the selected operation from the **All** list to the **Selected** list.
<	Moves selected operation from the **Selected** list to the **All** list.
>>	Moves all operations from the **All** list to the **Selected** list.
<<	Moves all operations from the **Selected** to the **All** list.
OK	Generates operations that are in the **Selected** list.
Cancel	Exits the dialog box without any changes.
Help	Displays the MagicDraw Help.

✅ **Shortcut Key**

Double-click the item name and it will be moved to the opposite list.

Related Pages

* Tools
* Class
* Class diagram
* Generalization relationship
* Realization relationship