


# Implementing or Overriding Operations

**Modeling Tools**  
This functionality is available in Standard, Professional, Architect and Enterprise editions only.

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 <b>All</b> list to the <b>Selected</b> list.
<	Moves selected operation from the <b>Selected</b> list to the <b>All</b> list.
>>	Moves all operations from the <b>All</b> list to the <b>Selected</b> list.
<<	Moves all operations from the <b>Selected</b> to the <b>All</b> list.
OK	Generates operations that are in the <b>Selected</b> 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](#)