

Generating Delegation Methods

You can create methods that delegate behavior to the fields or methods of your class. This approach makes it possible to give access to the information of a field or method without direct exposing this field or method.

To create delegation methods

1. On the main menu, choose **Code | Generate**. Alternatively, right-click the editor and choose **Generate** on the context menu, or use **Alt+Insert** keyboard shortcut.
2. In the pop-up list that is displayed in the editor, select **Delegate Methods**. Select **Target To Generate Delegates For** dialog appears, displaying the list of objects to be delegated to.
3. Select the target field or method, and click **OK**. The **Select Method To Generate Delegation For** dialog appears, displaying the list of methods to delegate.
4. Select the desired methods. For multiple selection, use **Ctrl** and **Shift** keys. Click **OK**.

Example

Currency class has a field `calendar` of the type `Calendar`. To gain access to certain functionality of the `Calendar` class from the `Currency` class, we need to create a new method that will delegate the request to `calendar`.

```
Calendar calendar;  
public int get(int i) {  
    return calendar.get(i);  
}
```