

## Using the DLL with LabView

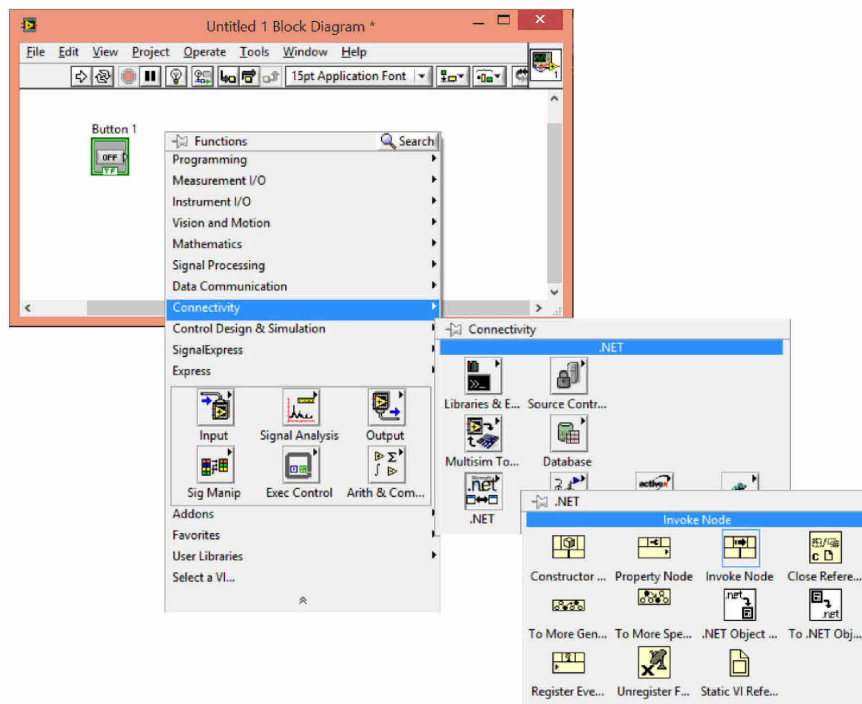
1. Copy the file NCmotorLV.dll to the same folder as *NC Motor LV.vi*
2. Double click file NC Motor LV.vi to open the file in LabView

### Creating a New VI and Accessing the DLL

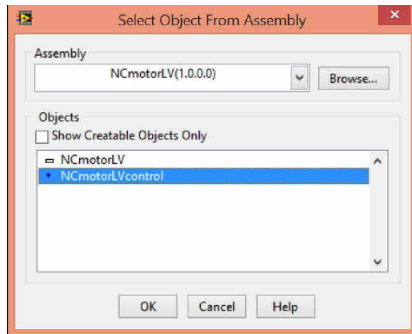
1. Start a new VI in Labview
2. Copy the file *NCmotorLV.dll* to the same folder as the VI

## Connect a Button to a DLL Sub

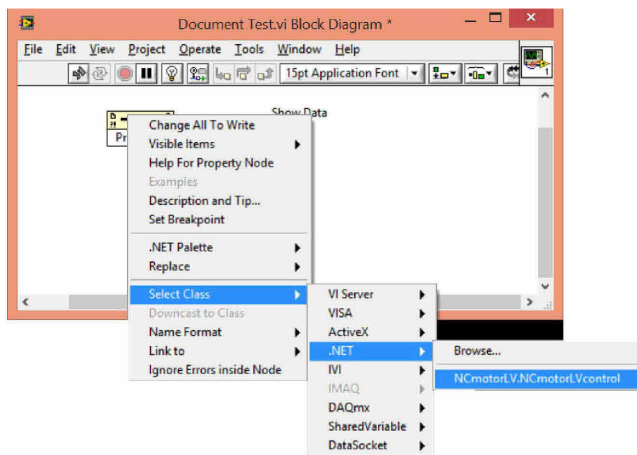
1. Make a button on The VI
2. In the block diagram right click and select **Connectivity | .Net | Invoke Node**



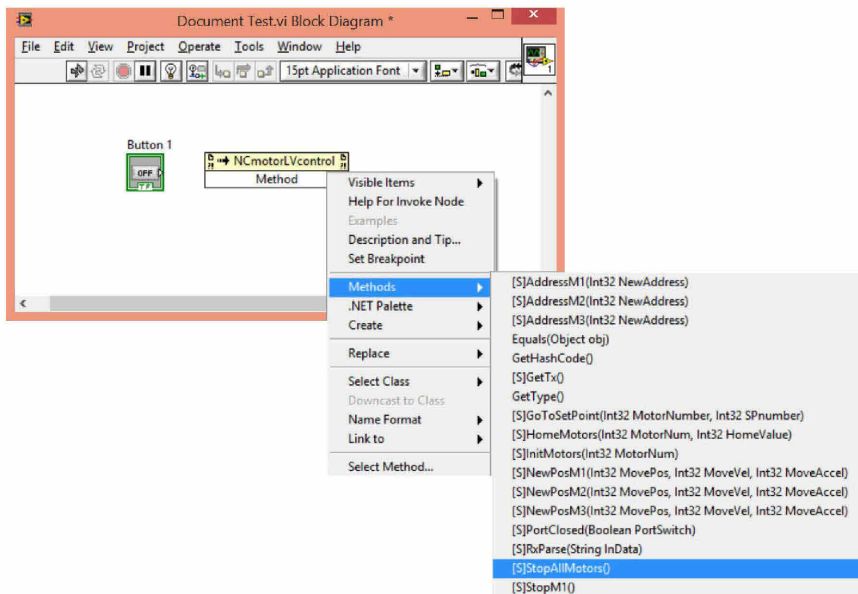
3. Right Click on the node and for the first node added in a program select **Select Class | Browse**  
Select the file *NCmotorLV.dll*. The Select Object dialog will appear.  
Select *NCmotorLVcontrol*



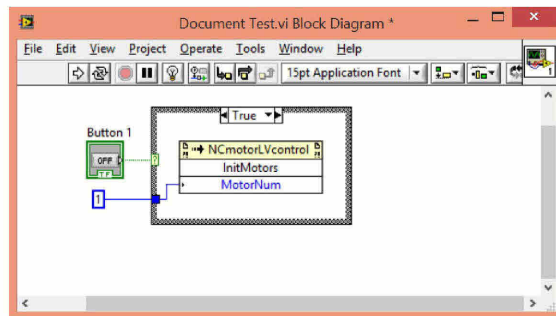
For the following nodes added right click on the node:  
**Select Class | .Net | NCmotorLV.NCmotorLVcontrol**  
 The object will be selected automatically.



4. Right click on the node and select **Methods** and the sub.

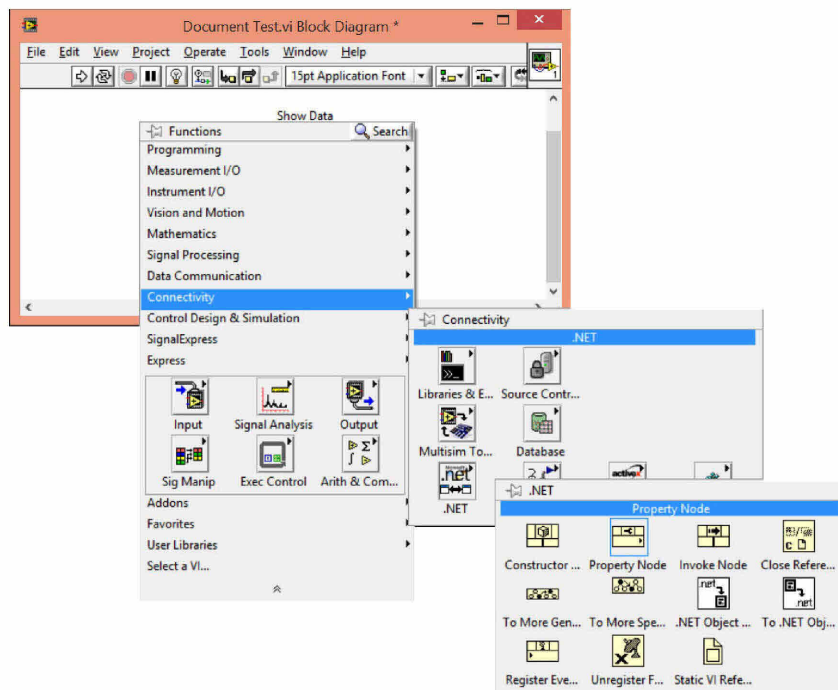


5. Add a Case Structure and connect the inputs if needed.

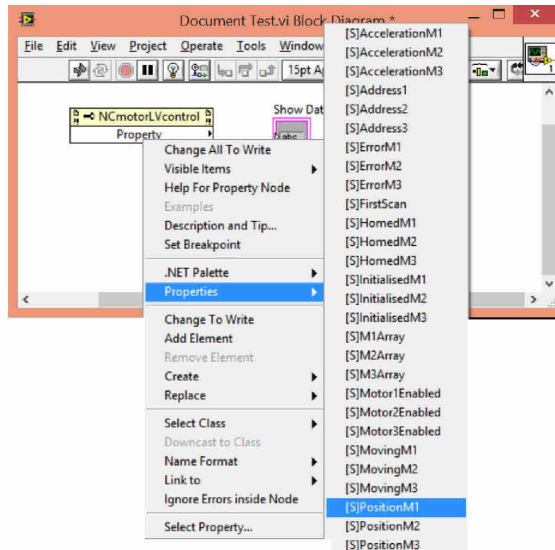


## Display Property from DLL

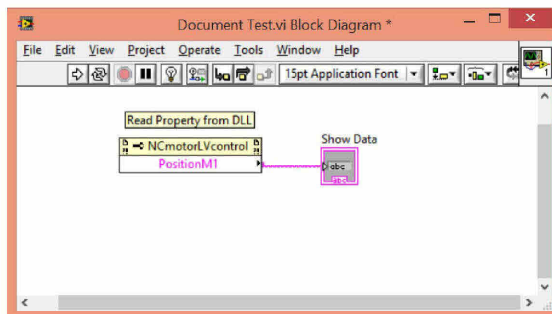
1. Select *Connectivity* | *.Net* | *Property Node*



2. Select *Class* as in the previous steps
3. Right click on the node and select Property



#### 4. Wire and indicator to the output



### Write to DLL Property

1. Create a Property Node as in previous step and wire a control for the data type. Some properties can be Read or Write. Right click on the node and select either *Change to Read* or *Change to Write*

