

LabVIEW – VI Server



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VI Server

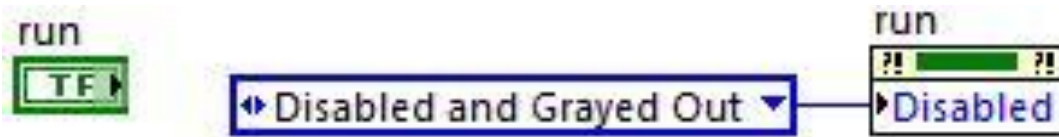
VI Server can:

- programmatically change characteristics of Front Panel Objects (FPOs), VIs and Labview itself
- invoke methods (actions) on FPOs
- dynamically load, edit and run VIs on local computer or across a network – dealt with later



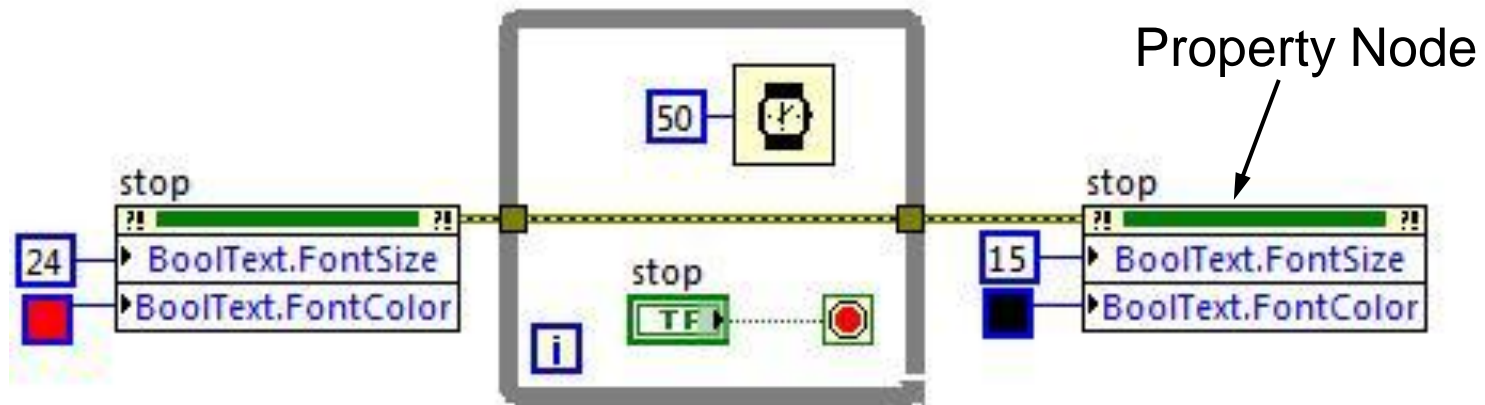
VI Server – Front Panel Object Properties I

- Each Front Panel Object can have its properties such as colour, size, value, font etc altered dynamically
- Each FPO can also have its property read
- Grab Property Node from the Application palette, right-click and *Link* to relevant FPO



VI Server – Front Panel Object Properties II

Multiple properties can be altered within
one Property Node



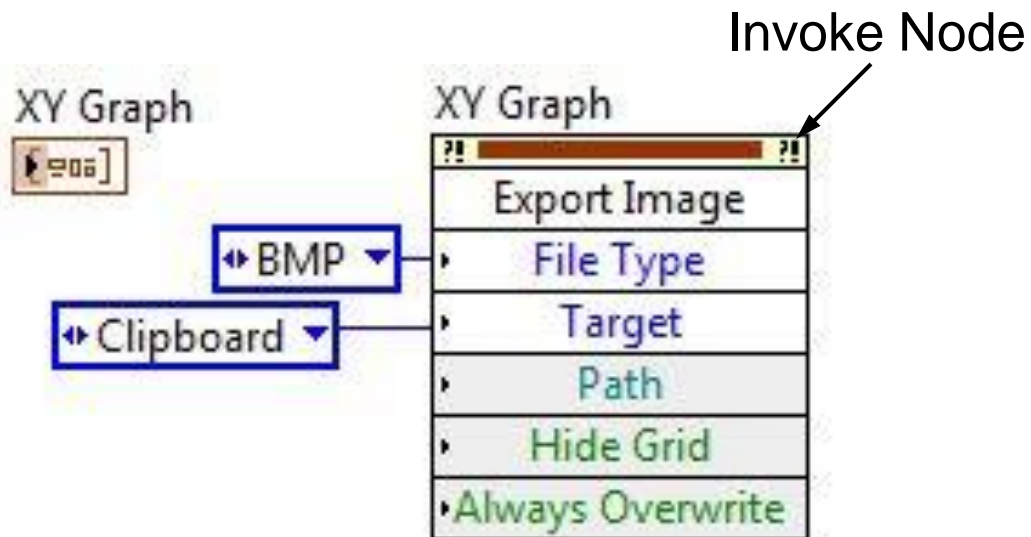
VI Server – Front Panel Object Methods I

- Invoke Nodes perform an action, or method, associated with a FPO
- eg Initialise to Default values; Export Image; Highlight Object



VI Server – Front Panel Object Methods II

Direct link to Front Panel Object



VI Server – Link by Reference

Use a reference to link to FPO - more efficient use of memory

