

LabVIEW – Basics V

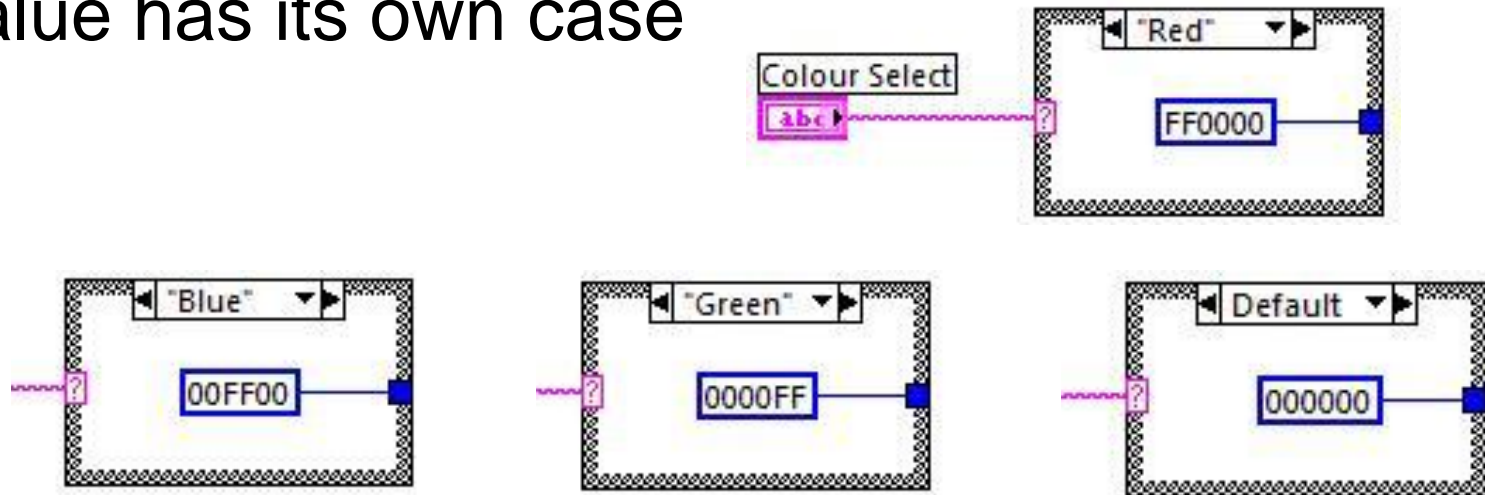


Gary Boorman



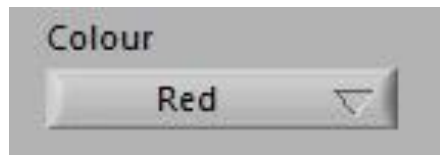
Case – Multiple I

- Case structures not limited to Boolean – can use numerics or strings as selectors
- A Default case is required if not every Selector value has its own case

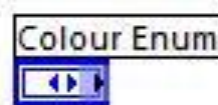


Ring and Enum

- A Ring control associates text/pictures with a numeric data-type

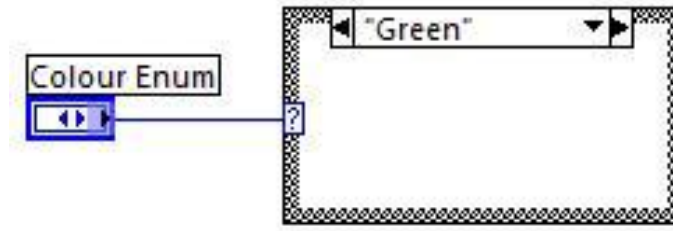


- An Enum is a data-type that has numeric and list-information associated with it.

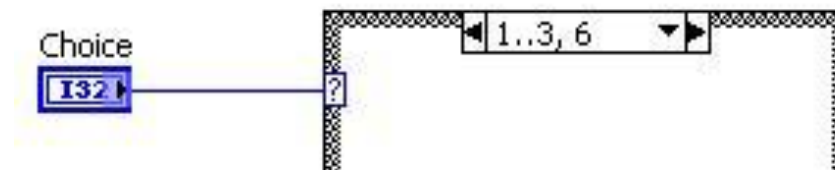


Case – Multiple II

- An Enum can be used as a Case Selector



- Makes the diagram more readable, since the label makes the case function obvious
- One Case can react to multiple Selector values



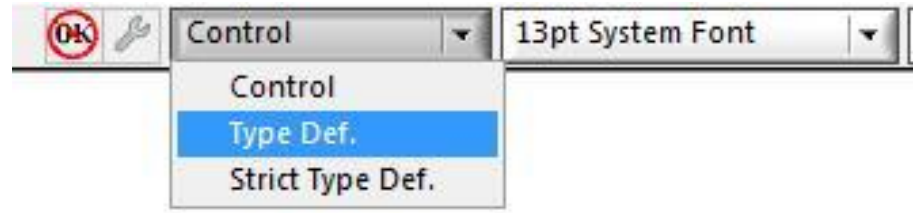
Custom Controls I

- A Control that can be saved and used in the same way as a control from the Palette
- Very useful for Controls that are used in multiple VIs
- Do File>>New...>>Other Files>>Custom Control



Custom Controls II

- Select Type Def or Strict Type Def – ensures any changes to the control are propagated to VIs using that control



- The custom control can be used as a Control, Indicator or Constant

