

Remote objects - example

The example describes all the necessary steps to make the values of the user variable *U.1* from the application **APPL2** available. So we create an object of **Remote tag** type (called *R_U_1* in the example) in the application **APPL1**. The parent of the object is the process **D2000 GtwCll** (suffix of it is *.GTW*).

The screenshot shows the 'General properties' tab of the 'R.U.1 - ??? - SELF.GTW' dialog box. The 'Description' field contains 'Value of object U.1 in application APPL2'. The 'Text Palette' is empty. The 'Trans. palette' is set to '(0) - None'. The 'Value Type' is set to 'Re - Real'. The 'Technical units' field is empty. The 'Limits' section has four rows: 'High High', 'High', 'Low', and 'Low Low', each with an empty text field and a small '...' button. The 'Hysteresis' field is empty, followed by the text '[%] * (VHL - VLL)'. At the bottom, there are four buttons: 'Save', 'Undo', 'Use Sample', and 'Cancel'.

Seeing that the value type of the object *U.1* *Int*, so the type of the remote tag *R.U.1* must also be *Int - Integer*.

The screenshot shows the 'Groups' tab of the 'R.U.1 - ??? - SELF.GTW' dialog box. The 'Remote object name' field contains 'U.1'. The 'Destination structure' section has a 'Destination object' field with an empty text box and a small '...' button. The 'Control of Remote object' section has three radio buttons: 'Disabled' (selected), 'Manual', and 'Control object'. Below these are two more fields: 'Start value' and 'Control object', each with an empty text box and a small '...' button. At the bottom, there are four buttons: 'Save', 'Undo', 'Use Sample', and 'Cancel'.

Controlling the remote tag is set to *Manual*, therefore user can set the value of the remote tag as well as the value of the object in the application **APPL2**.



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