

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 fields for 'High High', 'High', 'Low', 'Low Low', and 'Hysteresis' (with a unit multiplier '[%] * (VHL - VLL)'). The 'Hysteresis' field is empty. At the bottom are buttons for '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 'General properties' tab of the 'R.U.1 - ??? - SELF.GTW' dialog box. The 'Remote object name' field contains 'U.1'. The 'Destination structure' field is empty. The 'Destination object' field is empty. The 'Control of Remote object' section has three radio buttons: 'Disabled' (selected), 'Manual', and 'Control object'. The 'Start value' field is empty. The 'Control object' field is empty. At the bottom are buttons for '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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