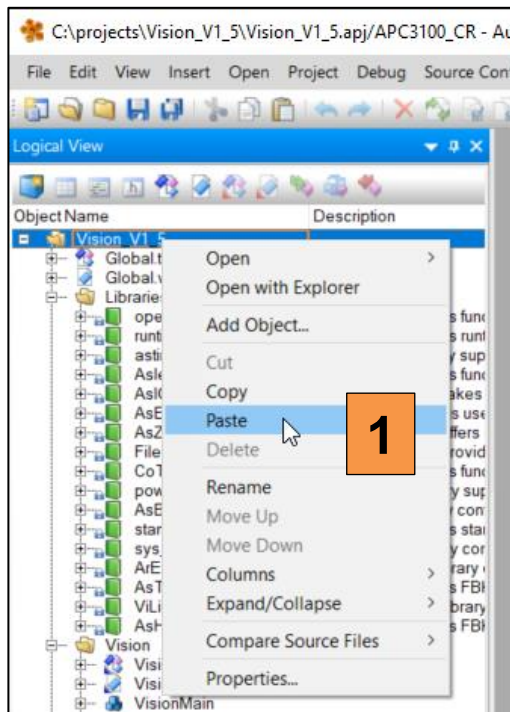


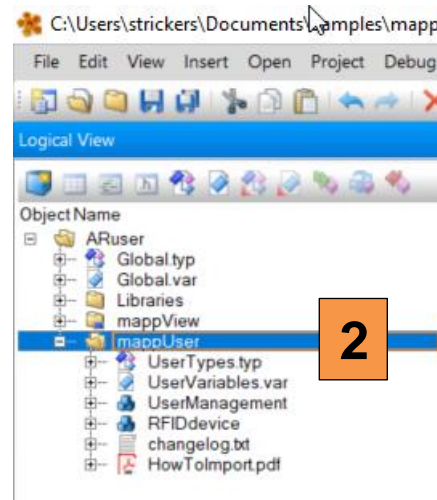
**This guide shows how to import the demo project into an existing project. The screenshots can look slightly different depending on the version used.**

Open the demo project and the exiting project side by side. Go to the logical view in both projects.

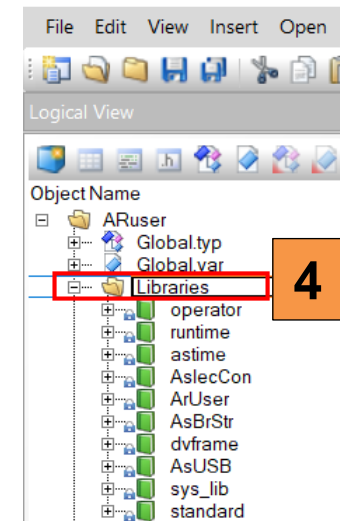
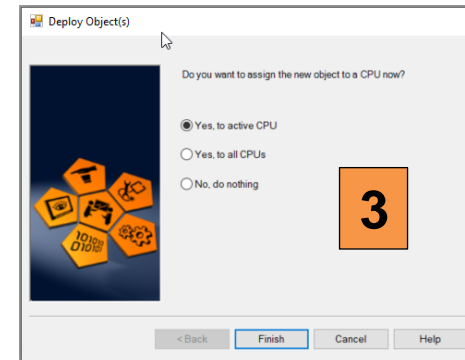
1. Copy the package “mappUser” from the demo project
2. Paste the task into the existing project at the top
3. Assign the new task to the CPU
4. Make sure that the B&R libraries “ArBrStr” and “ArUser” are in the existing project, add the libraries if neccessary.
5. If you use the RFID Add-on also add the B&R libraries “dvframe”, “AsUSB”, “sys\_lib” and “standard”



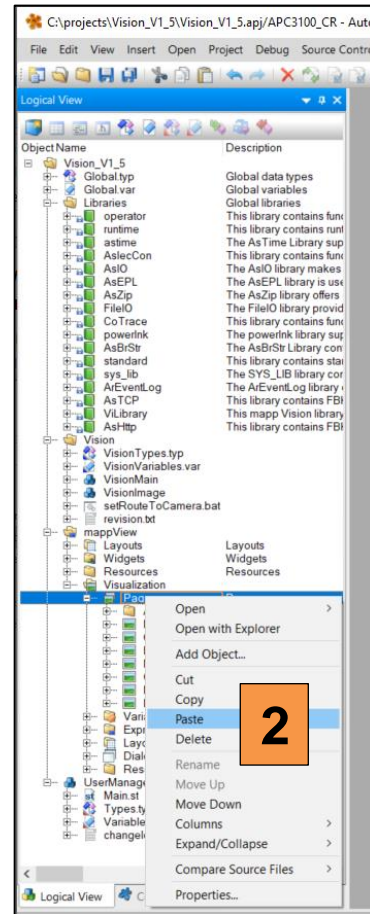
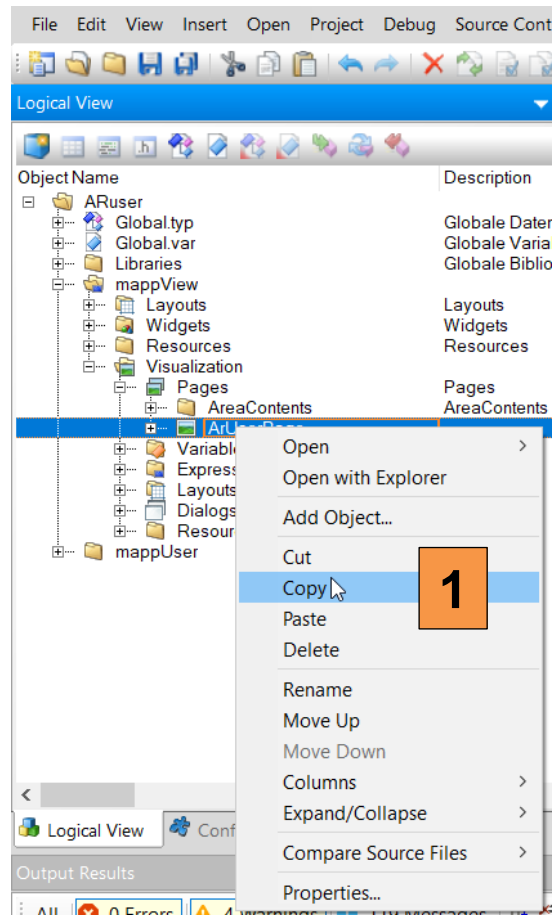
**ArDemo Project**



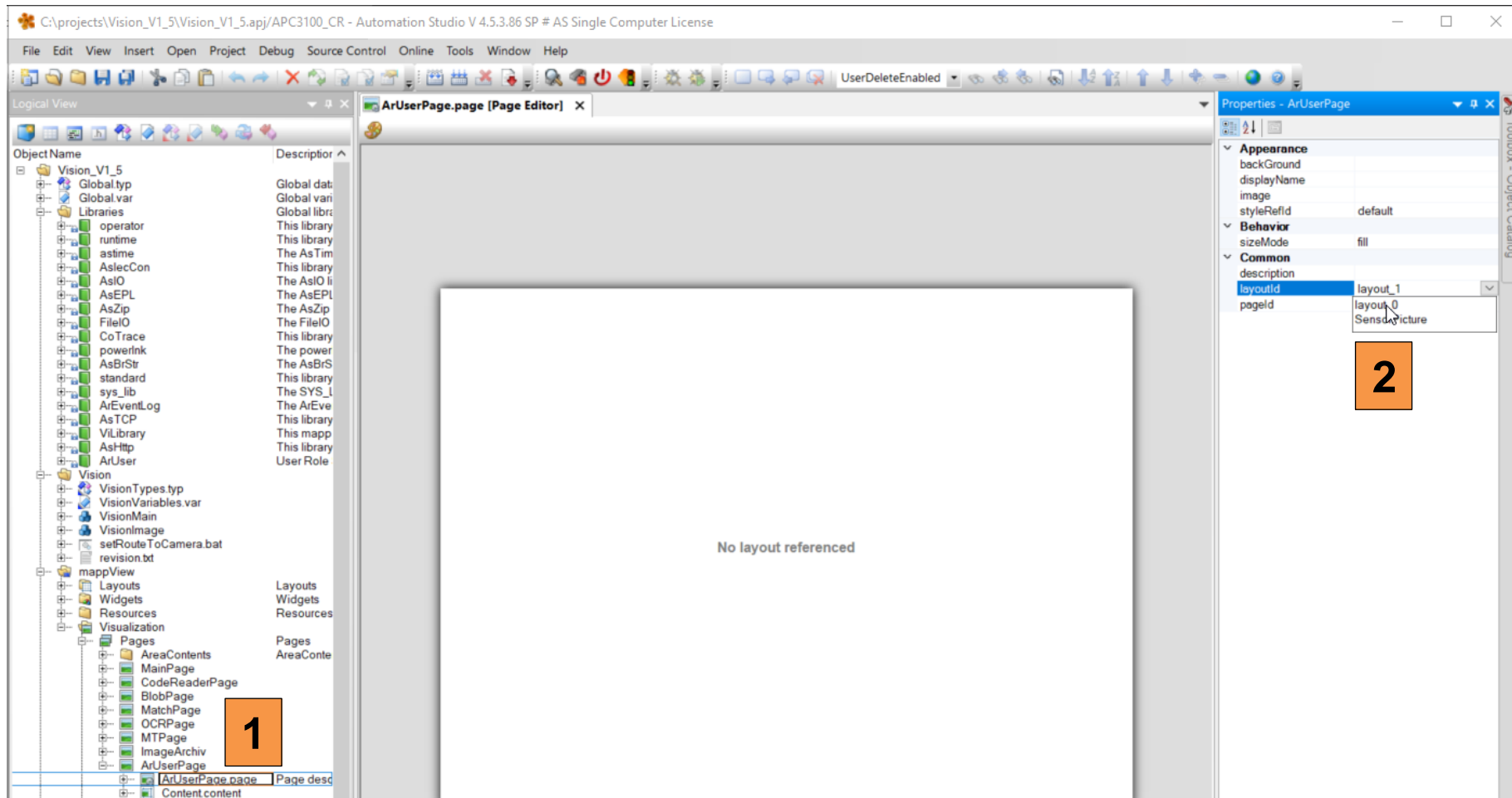
**Existing Project**



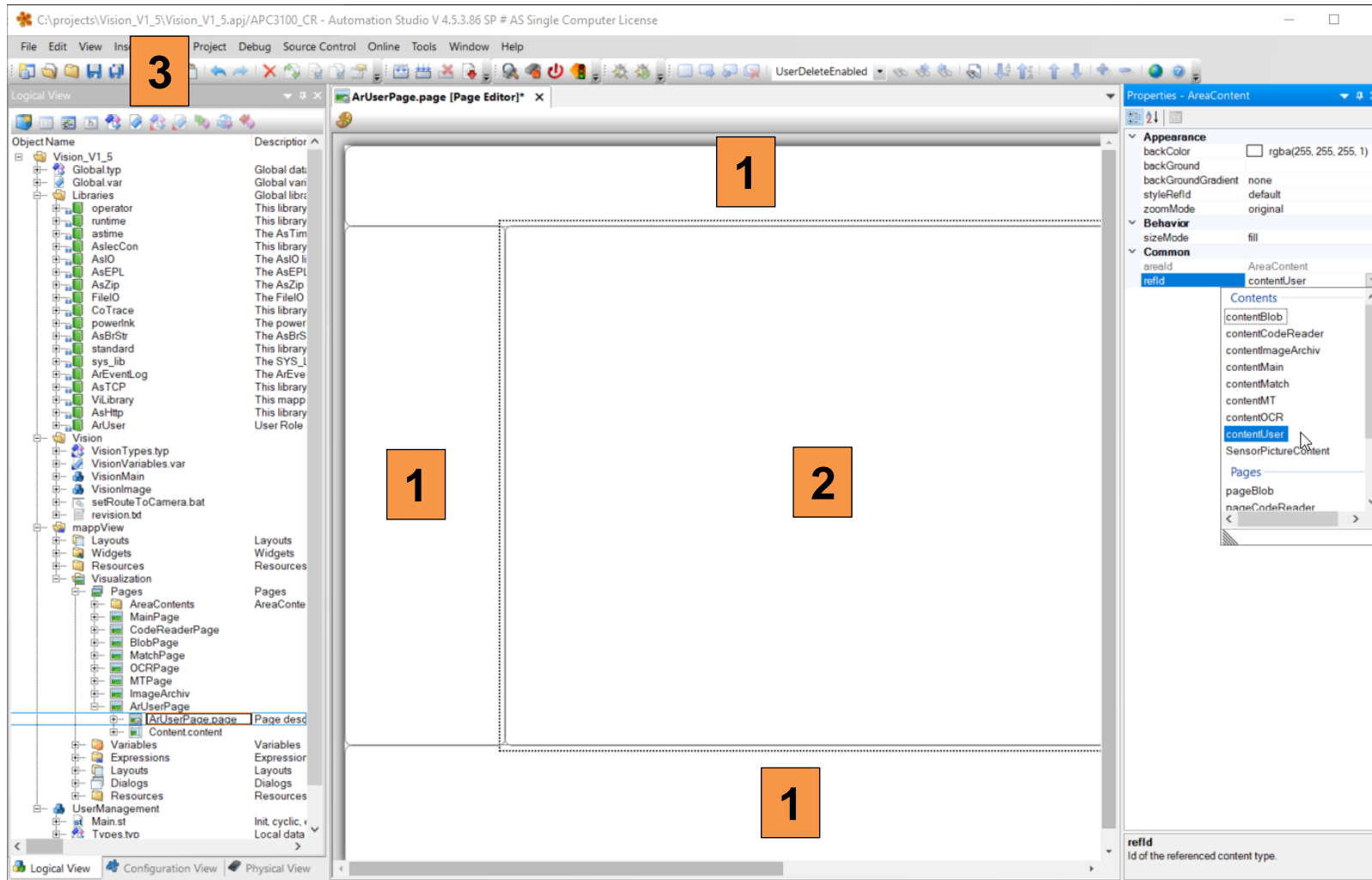
1. Open the mappView tree in the demo project and navigate to ArUserPage, right click and copy it
2. In the existing project paste the page onto pages
3. Assign the new task to the CPU



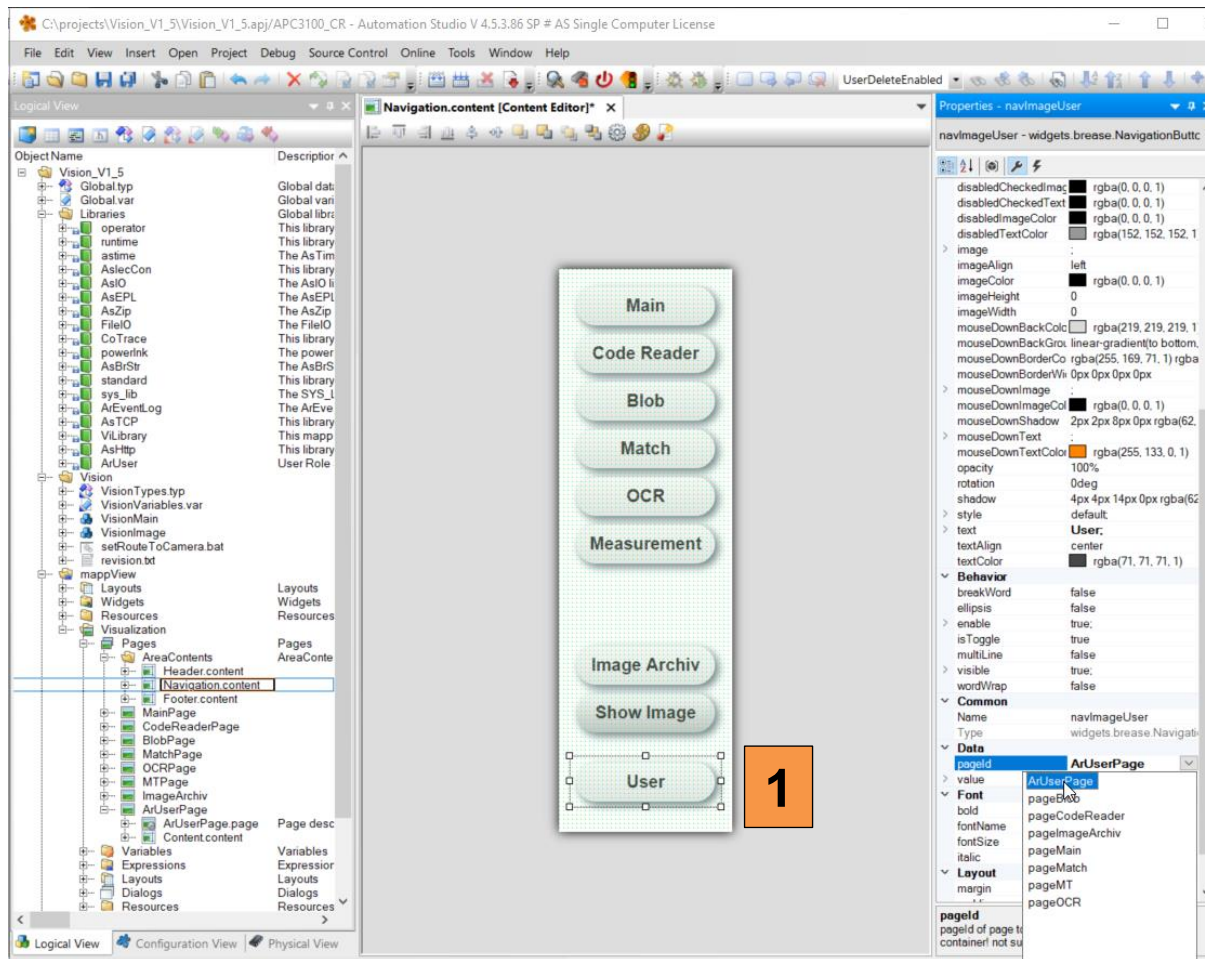
1. Expand the new page and double click on “ArUserPage.page”
2. Select the default layout for the existing project the properties window



1. Once the default layout is set in the existing project click each section and make sure that correct content is selected
2. Select contentUser for the main section
3. Save the project

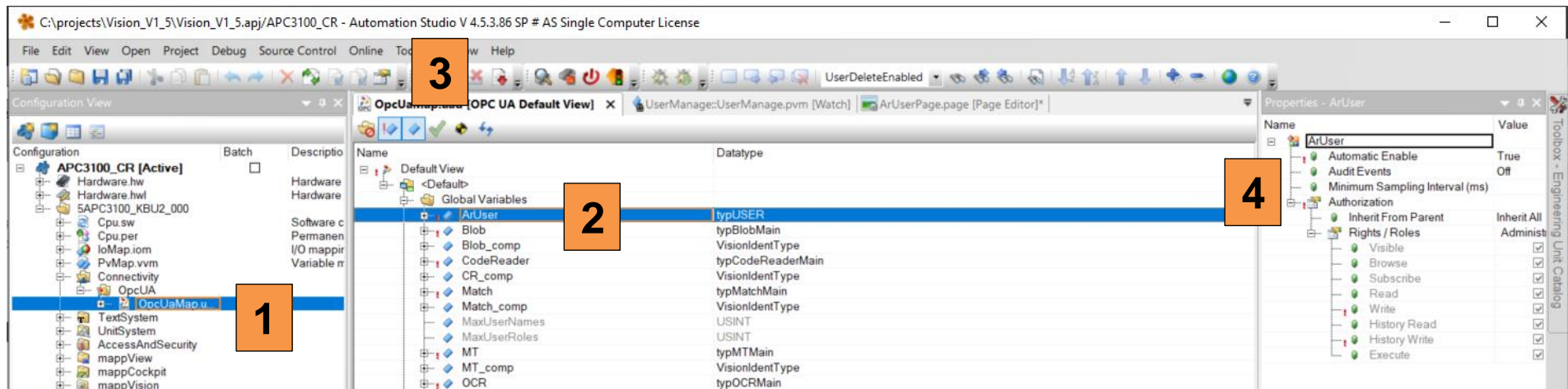


1. If the existing project uses a navigation bar add a new button that points to the new user page



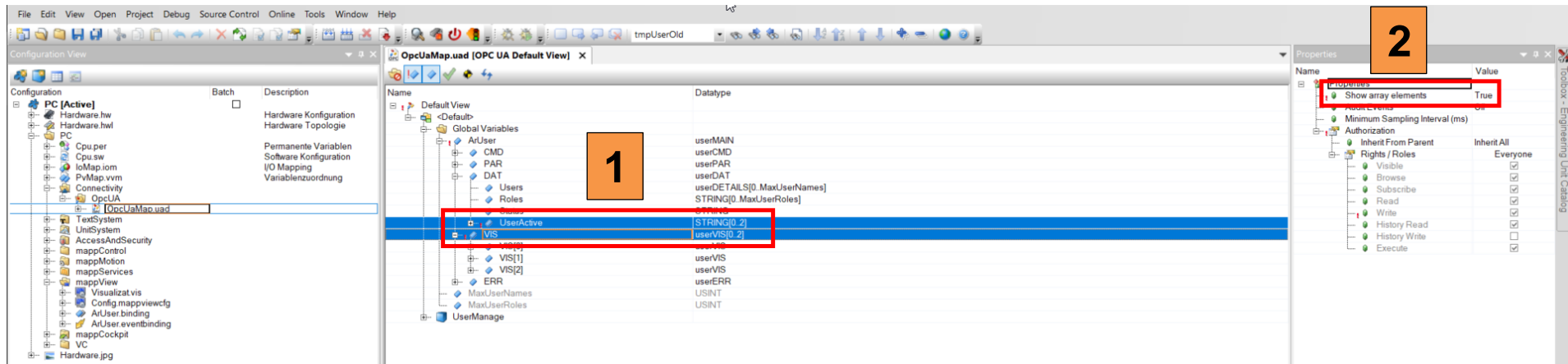
Make sure the OPC server is enabled in the CPU configuration. If the project has no OPC default view use the toolbox and add one. Make sure there are at least some users and roles defined under AccessAndSecurity.

1. Open the configuration view in the existing project and open the OPC configuration
2. Select the global variable "ArUser", **if the variable does not show up, save and compile the project, then reopen the window**
3. Enable the variable "ArUser" with green checkmark
4. Set "Automatic Enable" to true in the properties window
5. If you use the RFID Add-on repeat step 3 and 4 for the variable "RFID"

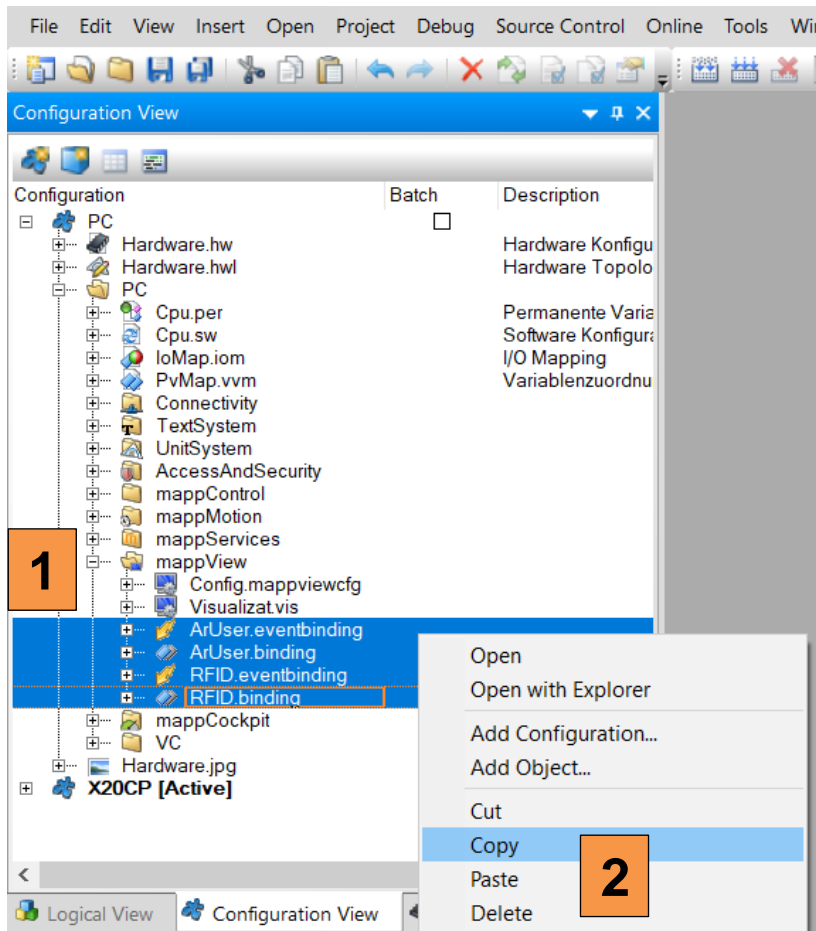




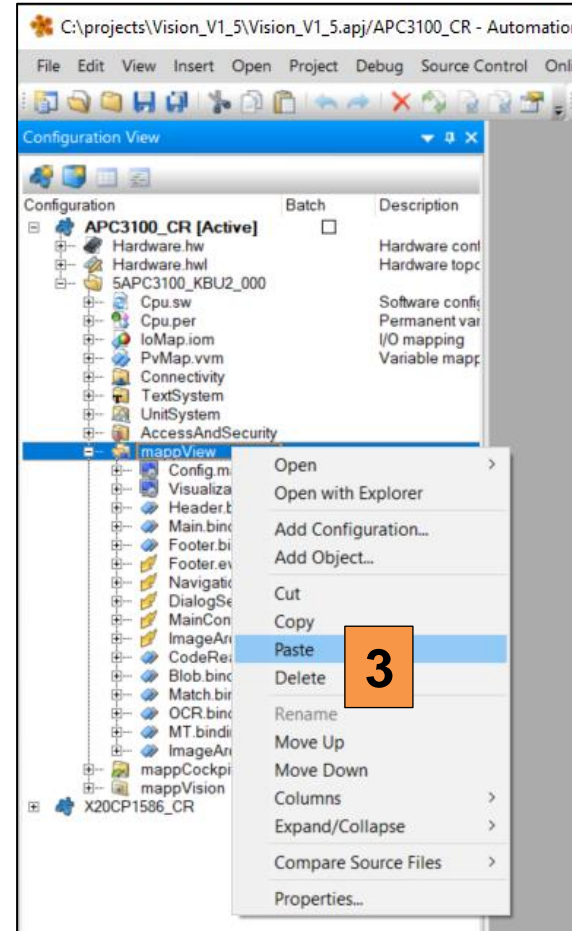
1. Select the variables ArUser.VIS and ArUser.DAT.UserActive
2. Set “Show array elements” to true



1. Expand the section mappView in the existing project and select all files ending with “binding” and “eventbinding”
2. Right click and copy the files
3. Paste the files in the existing project under mappView



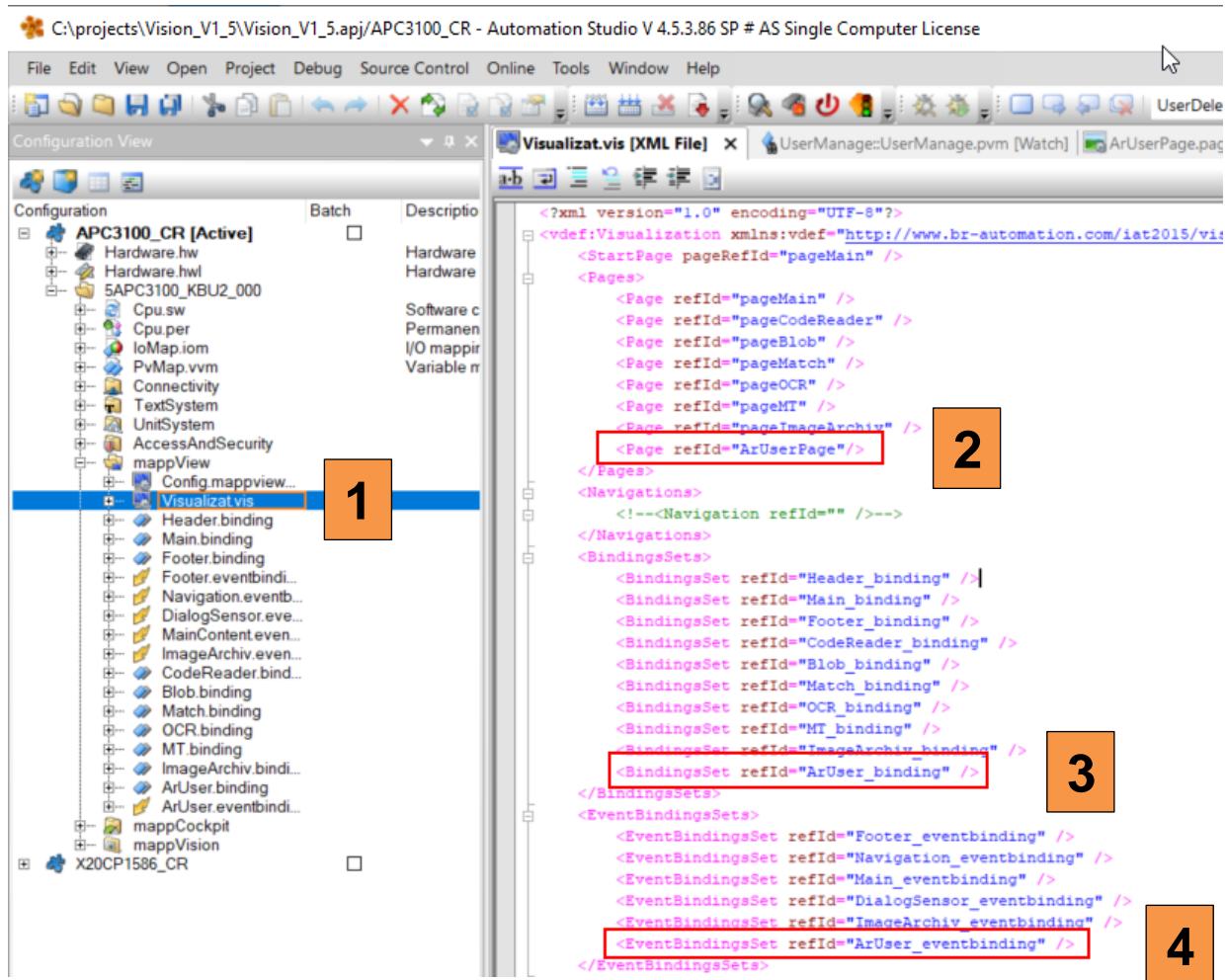
ArDemo Project



Existing Project



1. In the existing project open the file "Visualizat.vis"
2. Add the ArUserPage in the section pages
3. Add the ArUser\_binding in the section binding sets
4. Add the ArUser\_eventbinding in the section EventBindingSets
5. If you use the RFID Add-on also add RFID\_binding and RFID\_eventbinding



1. In the existing project open the Physical View, Right click on the CPU and open the configuration
2. Check out the used volatile global PV memory and adjust the configured volatile memory

Optional

3. Enable the user partition by defining a minimum size
4. Define a FileDevice and point it to the user partition

The screenshot shows the Xilinx IDE interface. On the left, the 'Physical View' pane shows a tree structure with 'X20CP1583' selected. A context menu is open, and 'Configuration' is highlighted (labeled 1). The main window displays the 'X20CP1583 [Configuration]' table. The table has columns 'Name' and 'Value'. The following items are highlighted with red boxes and labeled with numbers:

- 1**: The 'Configuration' menu item in the Physical View.
- 2**: The 'Volatile global PVs' row in the configuration table, with the value 87893 highlighted in blue.
- 3**: The 'Minimum user partition size' row in the configuration table, with the value 16 highlighted in blue.
- 4**: The 'File device 1' row in the configuration table, with the value 'F:\' highlighted in blue.

Name	Value
Configuration ID	ARuser1_Config1
Configuration version	1.0.0
Module system on target	
Minimum user partition size	16
Automatic transfer of userfiles	off
Module system on target	SAFE
Simulation	
Memory configuration	
UserRAM	
RemMem	
PV memory	
Used	
Permanent PVs	0
Remanent global PVs	0
Remanent local PVs	0
Volatile global PVs	87893
Volatile local PVs	3612
Permanent PVs	0
Remanent global PVs	32000
Remanent local PVs	33280
Volatile global PVs	128000
Clear non volatile memory after change of system mass storage	off
System	
Reboot	
Communication	
Timing	
Resources	
File devices	
File device 1	
Name	FileDevice
Path	F:\