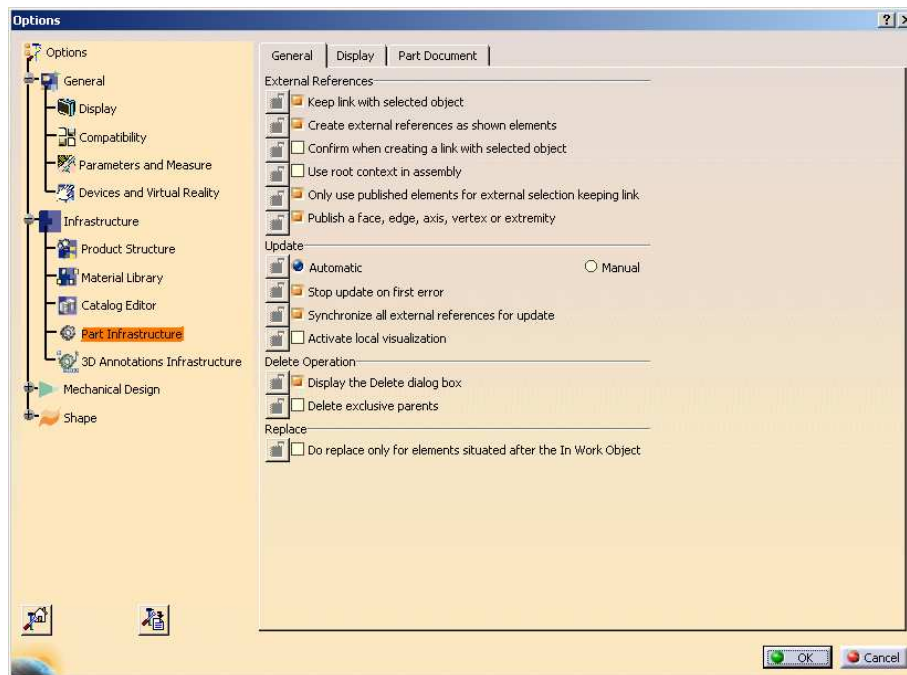


## Short Description of Problem: Renaming the instance name of a part by script is different when doing it via CATScript or Visual Basic.

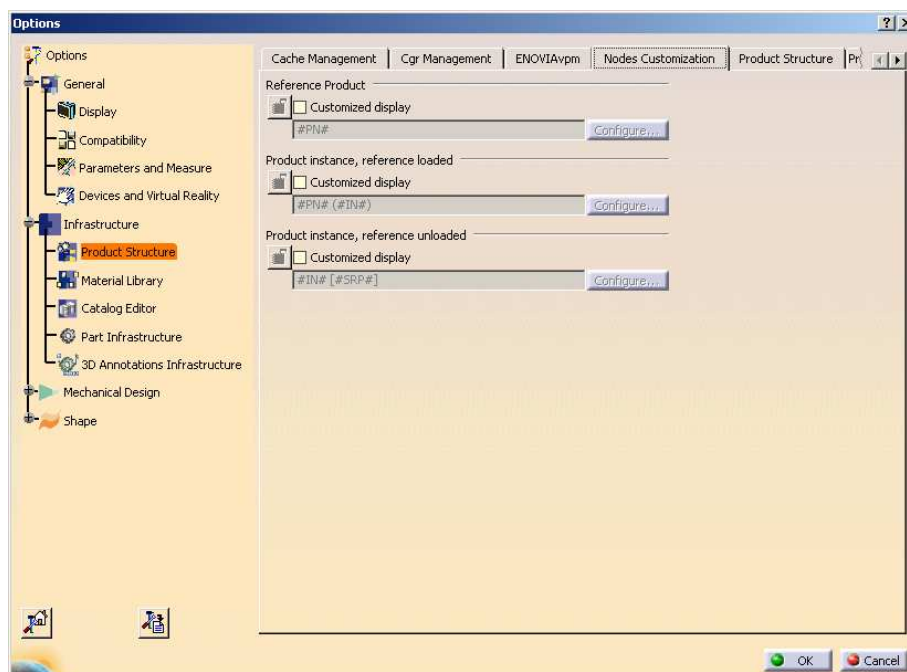
Catia Release : R14SP3, Catia –Language: English

The following adjustments in Tools Options are important:

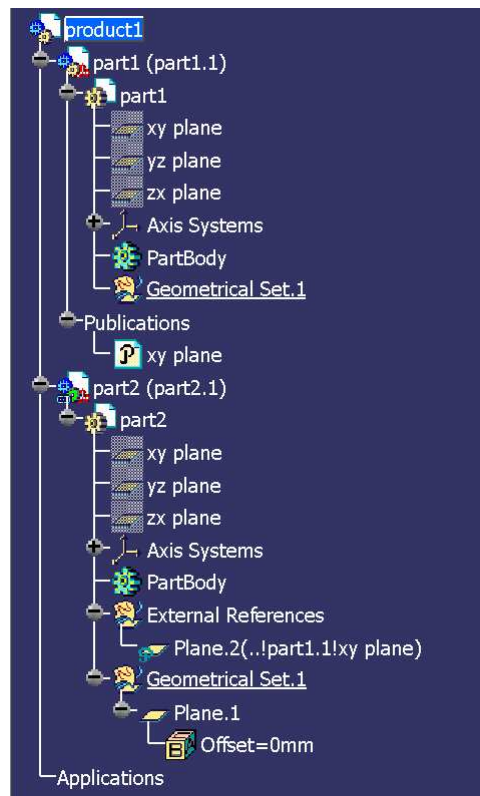
Tools Options > General > Infrastructure > Part Infrastructure > General (see pic. 1)



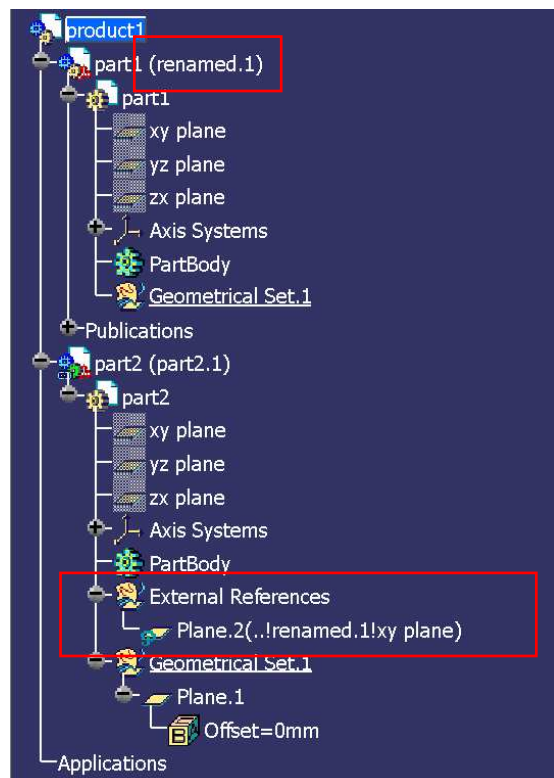
Tools Options > General > Infrastructure > Product Structure > Nodes Customization (see pic. 2)



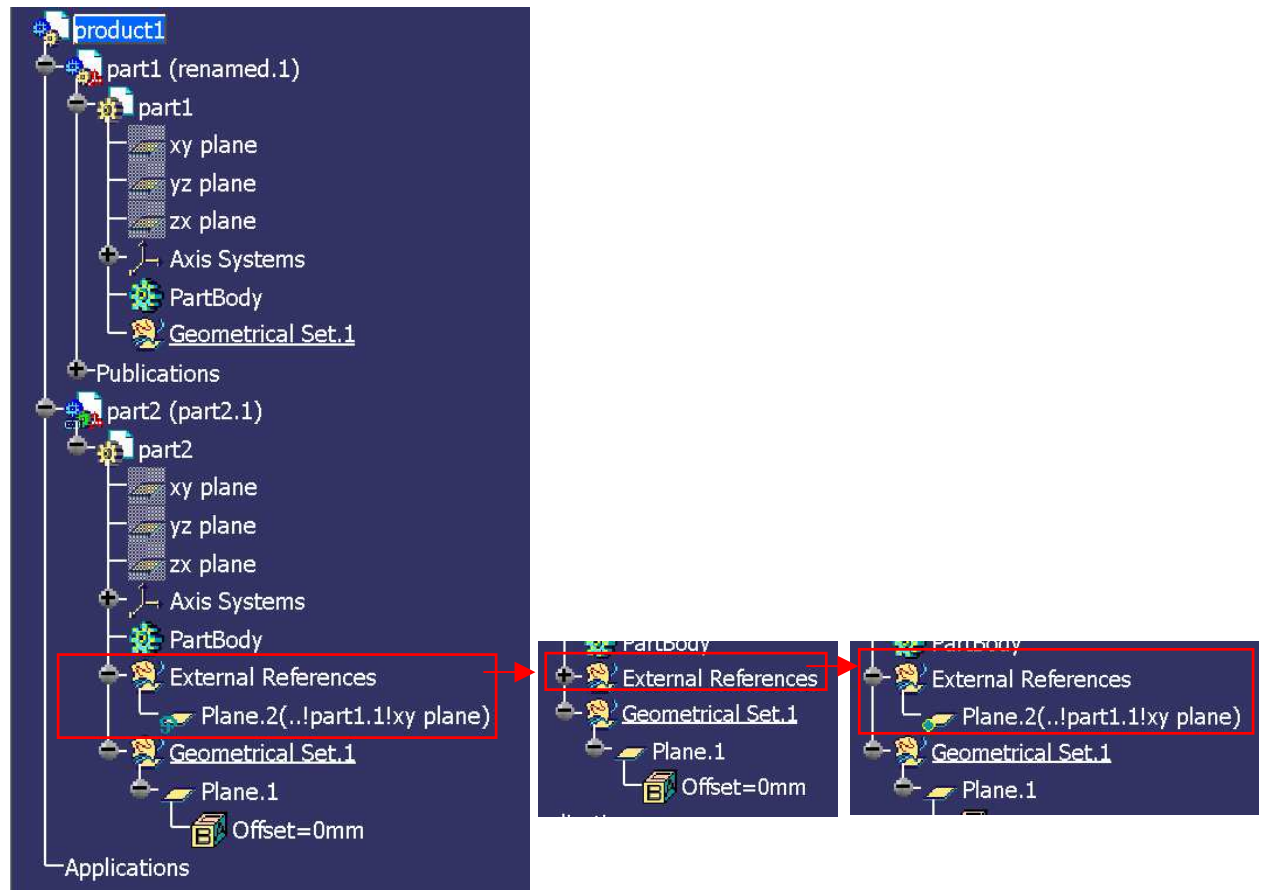
1. product1.CATProduct is loaded in Catia (is Root), see pic. 3



2. Start Macro1.CATScript
3. The Macro renames the instance name of part1 (part1.1) to "renamed.1"
4. The External Reference in part2 is renamed automatically by Catia (see pic. 4)



5. Close and load the product1.CATProduct again (see pic 3) or click undo button until the instance name “renamed.1” is renamed back to the original (part1.1)
6. Start the Visual Basic Application. The source code is identic to the Macro1.CATScript source code
7. Result is shown in pic.5. The External Reference in part2 is still the old one and NOT renamed. It's shown in the tree as a Context Link with a reference to a publication. Collapse the node of External References (pic. 6) and expand it again (pic 7.)



8. Save, close and load the product1.CATProduct again (see pic. 8). The External Reference in part2 is destroyed (the Link is shown in the Desk as Link with “No Status”)

