

COM Wrapper and Server Busy error

Error Code

ERROR (ORCAP - 1028); ERROR(ORCAP-15030)

Error Message

Whenever I run a simulation, I get either the COM Wrapper error or a set of error messages including the COM Wrapper, Server Busy, and Cannot Initialize profile errors.

ERROR (ORPROBE - 3211): Simulation Error: The RPC server is unavailable

ERROR (ORCAP - 1028): The PSpice COM Wrapper error has occurred

ERROR (ORCOMMN-2302): Cannot Initialize profile

Definition

When you open a PSpice-enabled design or run a simulation, Capture calls PSpice internally and if the COM function is unable to get an acknowledgement within a finite time, it leads to the COM Wrapper error. Usually, it is followed by the Sever Busy, Cannot Initialize profile error and RPC server error messages.

Solution

Try the following steps one by one and check after each step if problem is resolved:

Step 1:

- Select File > Exit to close Capture and PSpice application (if running).
- Go to Windows Task Manager by pressing CTRL + ALT + DELETE and selecting Task Manager.
- In Windows Task Manager, select Processes and click the Image name to sort the processes alphabetically.
- Kill the following processes in Task Manager

o capture.exe
o cdsMsgServer.exe
o cdsNameServer.exe
o MrkSrvr.exe
o pspice.exe
o pspiceexplorersrvr.exe
o simmgr.exe
o simsrvr.exe

Step 2:

Add a variable with the name CDS_IGNORE_LIC_FEATURE and value TRUE in system variables as follows.

On Windows XP

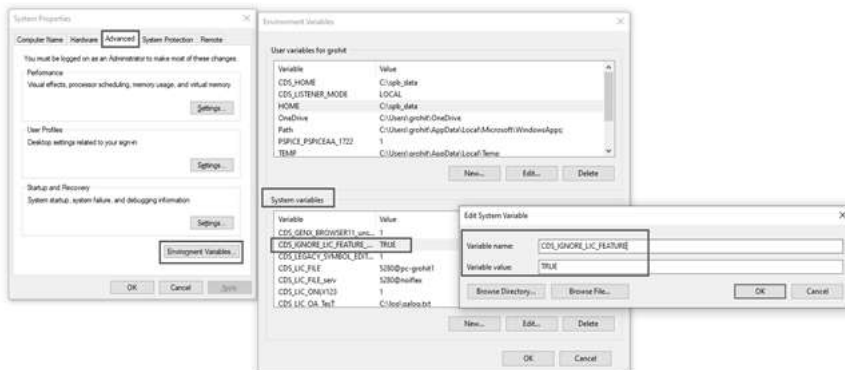
- Go to Start > Settings > Control Panel > System > Advanced > Environment Variable > System Variables.
- Click NEW under System Variables and define this new variable as follows:

Variable Name: CDS_IGNORE_LIC_FEATURE
Variable Value: TRUE

On Windows 7 and higher version

- Open Control Panel and search for "environment".
- This will give you an option to "Edit the system Environment variables". Click on it to open System properties.
- In the System Properties dialog box, select Advanced > Environment variables.
- Click New in the Systems variable section and then define the variable.

Variable Name: CDS_IGNORE_LIC_FEATURE
Variable Value: TRUE



Step 3:

Edit the PATH environment variable such that Cadence Path is at the beginning.

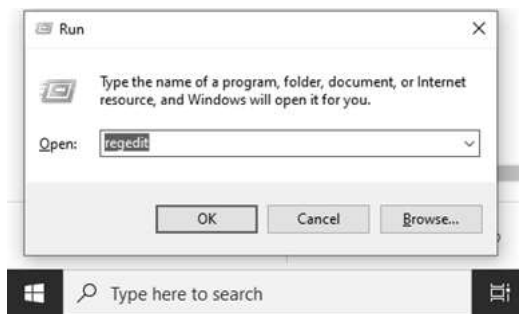
Note: This step is not required for 17.2 or higher versions.

For this, open system environment variables as explained in step 2 and edit the PATH variable to have the following value:

%CDSROOT%\tools\bin;%CDSROOT%\tools\libutil\bin;%CDSROOT%\tools\fet\bin;%CDSROOT%\tools\pcb\bin;%CDSROOT%\tools\PSpice;%CDSROOT%\tools\PSpice\Library;%CD%
of the PATH

Step 4:

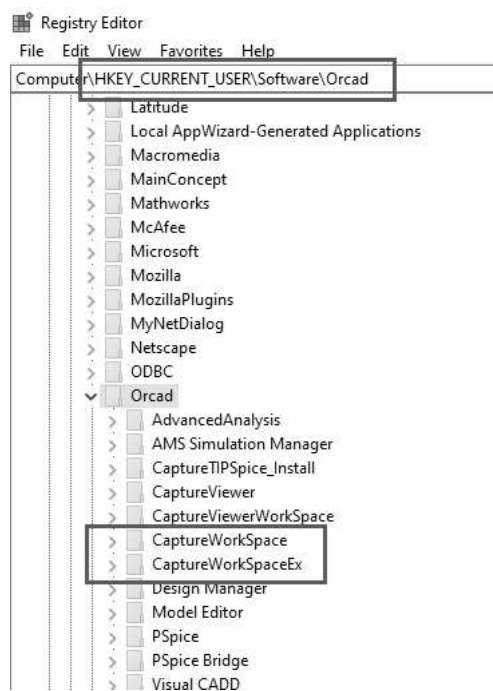
Go to Start > Run and type "regedit".



Delete the Capture workspace registry from following entry:

For SPB 17.4: HKEY_CURRENT_USER\Software\OrCAD\CaptureWorkSpaceEx

For SPB 17.2 or lower version: HKEY_CURRENT_USER\Software\OrCAD\CaptureWorkSpace



****DISCLAIMER****

EDITING THE REGISTRY

EDITING THE REGISTRY SHOULD ONLY BE DONE BY AN EXPERIENCED USER FAMILIAR WITH 'regedit'. INCORRECT EDITING CAN CAUSE CATASTROPHIC PROBLEMS. IT IS HIGHLY RECOMMENDED TO SAVE THE CURRENT REGISTRY FIRST BY OPENING 'regedit' AND SELECTING FILE > EXPORT.

*** EDIT AT YOUR OWN RISK! ***

Step 5:

- Invoke PSpice standalone by selecting PSpice AD in Start menu.
- Now start OrCAD Capture CIS, open the design, and check the problem.

NOTE: If the issue still persists, please contact support.cadence.com

Example

None

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