

vPlanner Setup

To run **vPlanner** (under **vManager**) on hera.ece.tamu.edu

1) Execute the following shell commands in your Project “**sim**” directory:

> **source /softwares/setup/cadence/setup.incisive152.bash**

or

> **csh** (to switch to c-shell)

> **source /softwares/setup/cadence/setup.incisive152.linux**

then

> **ncroot** (you should see “/softwares/Linux/cadence/INCISIVE152” printed out)

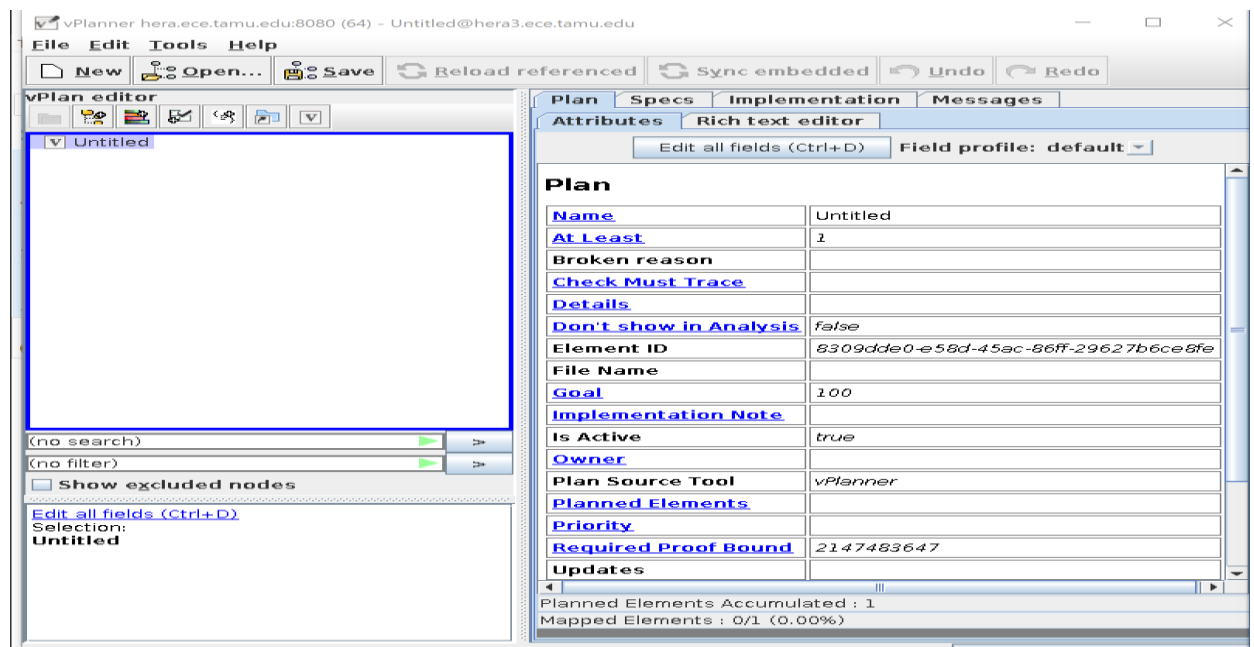
2) Type following command (the first time you access **vPlanner**):

> **vmanager -cs -planner -server hera.ece.tamu.edu:8080**

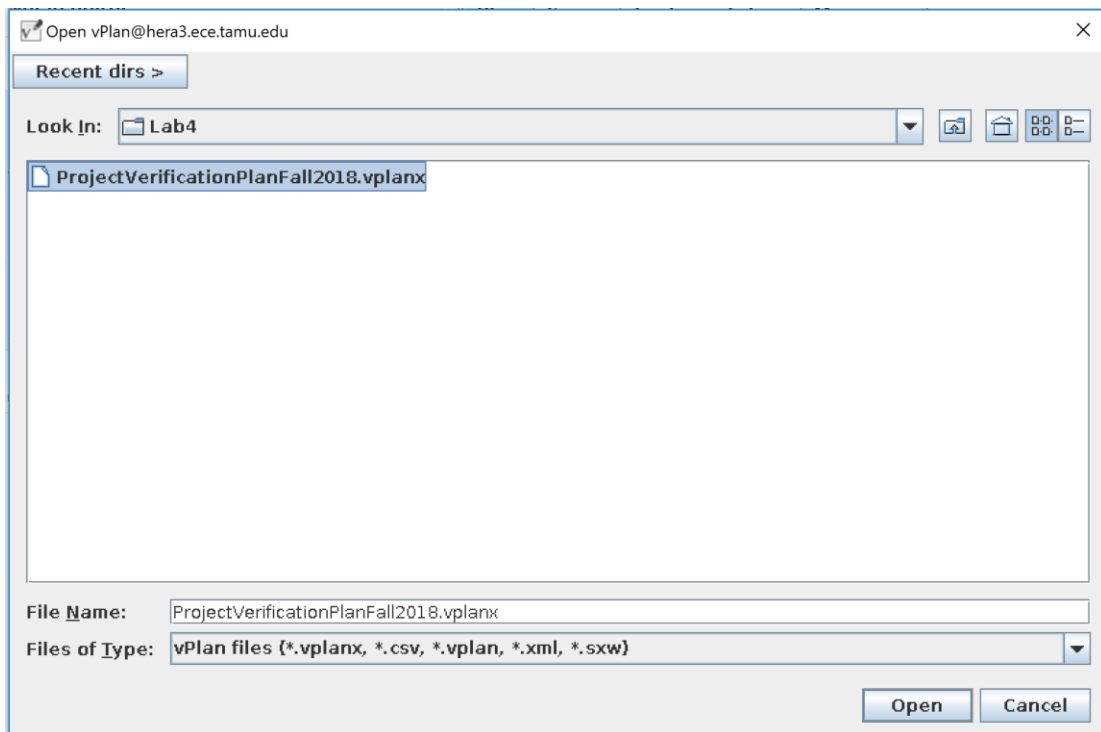
For the second time (on) you access **vPlanner**, just type:

> **vmanager -cs -planner** or > **vplanner -gui**

It should invoke the following window (read the **vPlanner Users Guide** for how to use all sections/capabilities in this window):



- 3) To load the default Project **vPlan** (**ProjectVerificationPlanFall2018.vplanx**) click on the “**Open**” button at the top of the **vPlanner** window, and in the resulting pop-up window (shown below) select the **vPlan** file and then click “**Open**” (in the pop-up window).



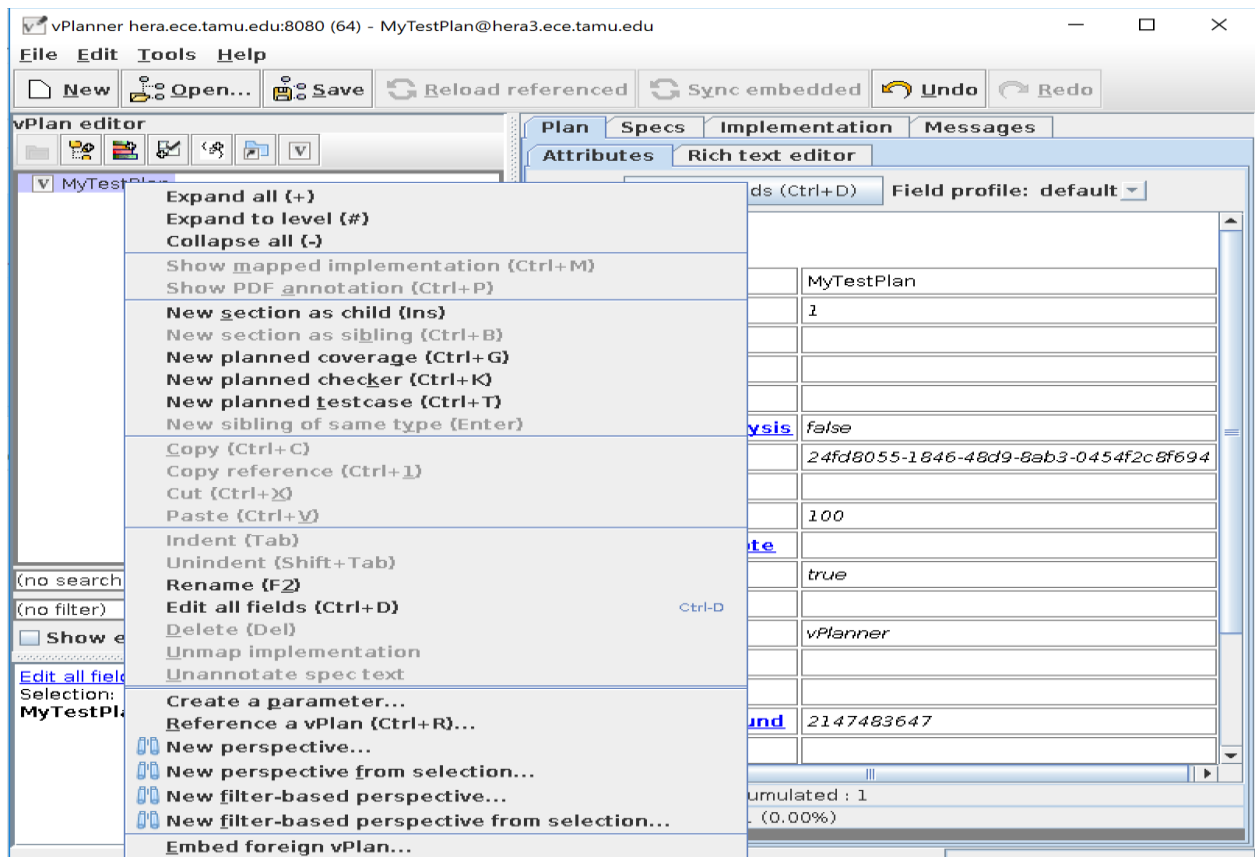
OR...if you prefer to create your own **vPlan** from scratch...Double click on the “**Edit all fields (ctrl + D)**” in the dialogue box on the left hand side lower corner as follows:



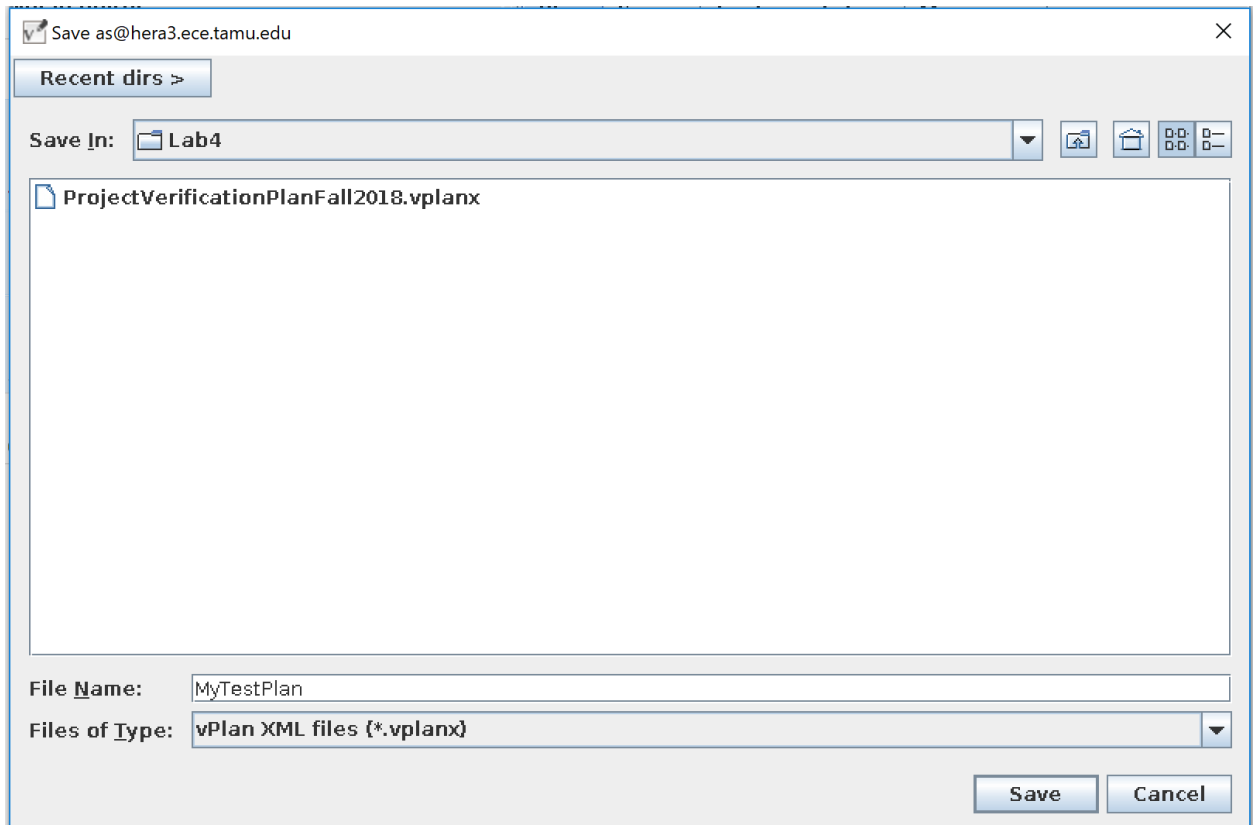
4) Give the name to your **vPlan** as follows:

Name	(Alt+A)	MyTestPlan	Planned Elements	(Alt+J)	
At Least	(Alt+B)	1	Priority	(Alt+K)	
Check Must Trace	(Alt+D)	false	Required Proof Bound	(Alt+L)	2147483647
Details	(Alt+E)		Verification Aspect	(Alt+M)	BOTH
Don't show in Analysis	(Alt+F)	false	Verification Scope	(Alt+N)	default
Goal	(Alt+G)	100	Weight	(Alt+P)	1.0
Implementation Note	(Alt+H)				
Owner	(Alt+I)				

5) You can add **vPlan** items (sections, test cases, checkers and coverage) as follows: Right click on the **vPlan** item (initially the **vPlan** name) on left hand side and then select the desired **bolded** line in the resulting pop-up menu window



- 6) You can save the **vPlan** as follows: Click on the “**Save**” option given in the menu bar on the upper side of the window and in the resulting pop-up window enter the desired saved “**File Name**” and then click on “**Save**” in that pop-up window



- 7) You can exit **vPlanner** by clicking on the “**File**” option in the top menu bar and then clicking on “**Exit**” in the resulting pop-up menu window.