vPlanner Setup

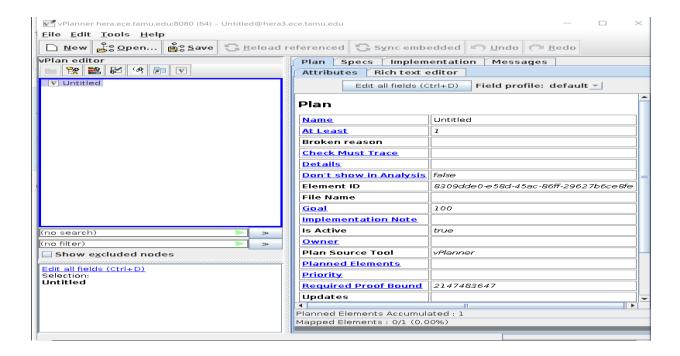
To run **vPlanner** (under **vManager**) on hera.ece.tamu.edu

- 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 <u>hera.ece.tamu.edu</u>:8080

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

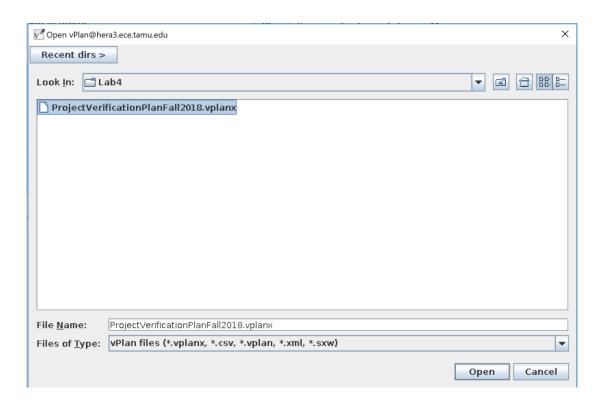
> vmanager -cs -planner or > vplanner -gui

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:



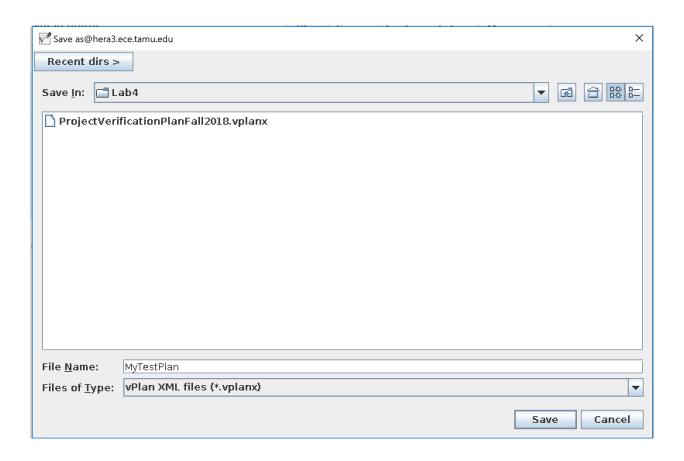
4) Give the name to your **vPlan** as follows:

Edit fields@hera3.ece.tam	u.edu				×
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)	вотн
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)				OK <u>C</u> ancel
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

✓ vPlanner	:	×		
<u>File</u> <u>E</u> dit	<u>T</u> ools <u>H</u> elp			
<u>N</u> ew	Open Save Seload referenced S	<u>v</u> nc ∈	embedded 🖺 Undo 🏳 Redo	
vPlan edite	or Plan Specs	Imr	plementation Messages	
	D E4 (0 E		ext editor	
		ich E	ext editor	
v MyTest	Expand all (+)		ds (Ctrl+D) Field profile: default 🔻	
	Expand to level (#)			
	Collapse all (-)			
	Show mapped implementation (Ctrl+M)			
	Show PDF annotation (Ctrl+P)		MyTestPlan	
	New section as child (Ins)		2	
	New section as sibling (Ctrl+B)			1 1
	New planned coverage (Ctrl+G)			-
	New planned checker (Ctrl+K)			
	New planned testcase (Ctrl+T)			
	New sibling of same type (Enter)		vsis false	1_
	Copy (Ctrl+C)		24fd8055-1846-48d9-8ab3-0454f2c8f694	171
	Copy reference (Ctrl+1)		24/06033-1640-4603-6603-0434/206/094	-
	Cut (Ctrl+X)			
	Paste (Ctrl+ <u>V</u>)		100	
	Indent (Tab)		te	
	Unindent (Shift+Tab)		true	1 1
(no search	Rename (F <u>2</u>)		trae	1 1
(no filter)	Edit all fields (Ctrl+D) Ctr	I-D		
Show e	<u>D</u> elete (Del)		vPlanner	
606060606060606060	<u>U</u> nmap implementation			1
Edit all field	<u>U</u> nannotate spec text			1 1
Selection: MyTestPla	Create a <u>p</u> arameter			
,	Reference a vPlan (Ctrl+R)		<u>ınd</u> 2147483647	
	New perspective			-
	New perspective <u>f</u> rom selection			
	New <u>filter-based</u> perspective		umulated : 1	
	New filter-based perspective from selection		. (0.00%)	
	Embed foreign vPlan			

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.