

# RM Builds in Mavericks VM

Need to do at least the following:

- Install Mavericks image on PPA-PC90719 (Done by IT. Hostname is PPA-PC90719VM)
- Create glastrm and user accounts for VM (Done)
- Verify can do headless start of VM via command line (Done)
- Set up automated start of VM when PPA-PC90719 boots

Task	Description	By whom	Remarks	Status
Install VM	Make Mavericks image available to VMware Fusion on Mac host PPA-PC90719; check it's usable from Fermi accounts	IT	Hostname is PPA-PC90719VM	DONE
Create accounts	Make accounts for glastrm and other PPA-PC90719 Fermi accounts	IT, Joanne		DONE
Start VM from command-line	Find somewhat obscure command-line app vmrun; try it	Joanne	<a href="#">vmrun</a> works. Documented more <a href="#">here</a> .	DONE
Start VM upon PPA-PC90719 boot	Follow strategy similar to that used in starting Jenkins daemon, but invoking a script which gives the necessary vmrun command	Joanne		
Install Jenkins client on VM		Joanne	Should be similar if not identical to arrangement on host	
Get Jenkins client on VM to start up at VM boot		Joanne	Should be similar if not identical to arrangement on host	
Install macports on vm		Joanne	We'll probably need it for installation of other tools. Works well on the Mountain lion host	
Find and install suitable version of gcc	If Mavericks is supported by FSSC use same version they use.	Joanne	Native version almost certainly won't work for us; it didn't even for Mountain lion.	
Build ST externals		Joanne? Heather?		
Install SCons		Joanne		
Verify can check out from CVS		Joanne		
Build RM dependencies	Need at least mysql client library and qt (most likely qt 4.8)	Joanne	See Tom's page <a href="#">Notes on building RM tools on supported platforms</a>	
Build RM programs	Need at least checkoutBuild, compileBuild, createReleaseBuild, testBuild, finishBuild	Joanne	Same note as previous	
Verify can build ST by hand				
Create new Jenkins queue for ppa-pc90719vm		Tony J?		
Add RM db entries for Mavericks		Joanne	Documented in <a href="#">another one of Tom's pages</a>	
Confirm Jenkins communication works				