MCAST User's Manual

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System requirement
   a. Solaris Operating System/Linux
   b. gcc compiler
   c. perl
   d. tcsh shell

Installation on Sun Workstation
   a. *mkdir vhdlams*
   b. copy mcast.tar.gz and spice3f5.tar.gz to vhdlams/
   c. *cd vhdlams/*
   d. *tar zxvf mcast.tar.gz*
   e. *tar zxvf spice3f5.tar.gz*
   f. modify the mcast/.bmac source file to set up the correct environment variables
   g. installation completed

Compile VHDL-AMS model and installation of new device model
   a. *souce vhdlams/mcast/.bmac*
   b. *mkdir run/*
   c. *cp modelfile run/*
   d. *cd run/*
   e. *$BMACROOT/bin/bmac modelfile.vhdl*
   f. *./install.spice3f5*

Compile spice3f5 with new model
   a. go to spice3f5/
   b. *./util/build sun4 gcc*
   c. *./util/build linux gcc* (if on Linux System)
   d. after successful compilation, new spice3* binary will be located in spice3f5/src/bin/, and it will be able to simulate the new device.