

- Pradeepkumar.org

- Main menu

- [Embedded Systems](#)
- [Lectures](#)
- [Linux Kernel Programming](#)
- [Network Simulator 2](#)
- [video](#)
- [Network Simulators](#)
- [About Me](#)

-

- Feed Count

191 readers
BY FEEDBURNER

- [How to Recompile Network Simulator 2](#)

by [tspradeepkumar](#) • 7 September, 2009 • [Network Simulator 2](#) • [0 Comments](#)

Assumptions:

- I have installed my ns-allinone-2.33 under /home/pradeep/ns-allinone-2.33
- Path is been set in the .bash_profile (which are located at /home/pradeep/) in fedora and .bashrc in ubuntu

There are two ways in which the NS2 can be recompiled

1. You modify the existing algorithm (use the same header and the C++ source files)
2. Adding new files (adding new header and C++ source files)

In first method,

Step 1: open the shell prompt and go to the ns-allinone-2.33/ns-2.33/ folder(there are 3 makefiles, Makefile.vc, Makefile, Makefile.in, for adding any new file should be done at the Makefile.in file)

Step 2: Once the existing algorithm is changed (after modifying the existing header and the C++ source file), go to step 1

Step 3: execute the command, make and press enter, If you have no errors in your modified code, then the compilation will be success, else you may get errors, which needs to be corrected

Step 4: Test your tcl script for the new algorithm

In the second Method,

Step 1: open the shell prompt and go to the /home/pradeep/ns-allinone-2.33/ns-2.33/ folder(there are 3 makefiles namely Makefile.vc, Makefile, Makefile.in, for adding any new file should be done at the Makefile.in file)

Step 2: You may create new header and C++ source files for your new proposed algorithm and hence you need to tell that information to the Makefile.in (which is available in /home/pradeep/ns-allinone-2.33/ns-2.33/). For example, assume i created two files tcpnew.h and tcpnew.cc

Step 3: Put all your files inside a folder (for Example create a new folder tcpnew) and put the tcpnew folder under the folder /home/pradeep/ns-allinone-2.33/ns-2.33/

Step 4: Now open the Makefile.in using any editor (usually vi or gedit) and add the folder information to the OBJ_CC variable)

Step 5: anywhere inside the OBJ_CC variable, put the new folder information like this tcpnew/tcpnew.o \

Step 6: after editing the file entry, go to step 1 and execute the command make and press enter. If you have no errors in your modified code, then the compilation will be success, else you may get errors, which needs to be corrected.

Step 7: Test your tcl script for the new Algorithm.



About [tspradeepkumar](#)


Leave a Reply

Enter your comment here...

• Search for:

Like Us

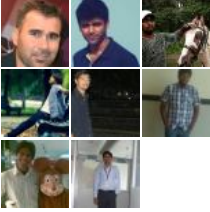
Find us on Facebook



pradeepkumar.org

Like

764 people like pradeepkumar.org.



Enter your email address:

Subscribe

Delivered by [FeedBurner](#)

Recent Posts

- [Google Apps Workplace Services–Benefits and Features](#)
- [Proxy Setting in Windows 8 or 7](#)
- [How to set .NET Framework 3.5 in Windows 8](#)
- [Fedora 18 released!!!!](#)
- [Linux Kernel and Embedded Systems Apps in Windows 8](#)

Recent Comments

- Ashwath on [Earliest Deadline First \(EDF\) Algorithm](#)
- Priya.V on [Google Apps Workplace Services–Benefits and Features](#)
- Mahesh on [Google Apps Workplace Services–Benefits and Features](#)
- shridevi.s on [Google Apps Workplace Services–Benefits and Features](#)
- Bharathi on [How Sensor network is different from Adhoc Network](#)

Archives

- [February 2013](#)
- [January 2013](#)
- [November 2012](#)
- [October 2012](#)
- [September 2012](#)
- [August 2012](#)
- [July 2012](#)
- [June 2012](#)
- [May 2012](#)
- [April 2012](#)
- [March 2012](#)
- [February 2012](#)
- [January 2012](#)
- [December 2011](#)
- [November 2011](#)
- [October 2011](#)
- [September 2011](#)
- [August 2011](#)
- [July 2011](#)
- [June 2011](#)
- [May 2011](#)
- [April 2011](#)
- [March 2011](#)
- [February 2011](#)
- [January 2011](#)
- [December 2010](#)
- [November 2010](#)
- [October 2010](#)
- [September 2010](#)
- [August 2010](#)
- [July 2010](#)
- [June 2010](#)
- [May 2010](#)
- [April 2010](#)

- [March 2010](#)
- [February 2010](#)
- [January 2010](#)
- [December 2009](#)
- [November 2009](#)
- [October 2009](#)
- [September 2009](#)
- [August 2009](#)
- [July 2009](#)
- [June 2009](#)
- [May 2009](#)
- [March 2009](#)
- [February 2009](#)
- [January 2009](#)
- [December 2008](#)
- [November 2008](#)
- [October 2008](#)
- [September 2008](#)
- [August 2008](#)
- [July 2008](#)
- [June 2008](#)

Categories

- [8051](#) (8)
- [ADA](#) (11)
- [Android](#) (3)
- [Automotive](#) (2)
- [Blogger](#) (2)
- [Blogs](#) (6)
- [C](#) (29)
- [CMS](#) (5)
- [Data Structures](#) (5)
- [Digital Electronics](#) (6)
- [drupal](#) (10)
- [elearning](#) (14)
- [Electrical Engineering](#) (1)
- [Embedded Systems](#) (46)
- [EmbeddedSystems](#) (39)
- [Events](#) (3)
- [Fedora](#) (3)
- [Google](#) (5)
- [Howto](#) (3)
- [Internet](#) (14)
- [Java technology](#) (9)
- [Javascript](#) (5)
- [Lectures](#) (2)
- [Linux](#) (26)
- [Linux Kernel Programming](#) (30)
- [Mac](#) (2)
- [Microsoft](#) (3)
- [Moodle](#) (7)
- [MySQL](#) (6)
- [Network Simulator 2](#) (34)
- [ns2](#) (3)
- [NS2 errors](#) (3)
- [omnet](#) (2)
- [Operating System](#) (4)
- [Others](#) (2)
- [Perl](#) (3)
- [Photography](#) (3)
- [PHP](#) (11)
- [Places to Visit](#) (15)
- [Presentation](#) (20)
- [RealTimeSystems](#) (44)
- [RTOS](#) (2)
- [Save Environment](#) (3)
- [Seminars](#) (2)
- [Software Engineering](#) (4)
- [Softwares](#) (1)
- [Technology](#) (2)
- [Ubuntu](#) (10)
- [Uncategorized](#) (17)
- [VHDL](#) (12)
- [video](#) (6)
- [Windows 7](#) (6)
- [Windows 8](#) (3)
- [Wireless Sensor Networks](#) (2)
- [Wishes](#) (3)
- [wordpress](#) (7)