NetAnim in NS3 Installation Guide

You need an Ubuntu Virtual Machine with NS3 installed i.e., running on VMware or Virtual Box OSE or any other VMM to use it on a Windows Machine.

1. Open your terminal on the VM Machine.
2. Run the synaptic command given below.

   Sudo synaptic

   If synaptic is not installed then run

   Sudo apt-get install synaptic

   Then

   Sudo synaptic

3. In the synaptic, we have to install some basic libraries

   Qt4-qmake
   Libqt4-dev
   Libxml2-dev

4. Change your directory to netanim by using the below command
   Cd Desktop/ns-allinone-3.29/netanim-3.108

5. Here type the following commands

   make clean
   qmake netanim.pro
   make

   Now NetAnim is successfully configured.

6. To open NetAnim type

   ./NetAnim

   NetAnim is now working

7. For animation output of the simulation, add these two lines in the source file i.e. first.cc file

   Ns3/netanim-module.h

   AnimationInterface anim("file name.xml")

8. Now changes your directory to ns-allinone-3.29/ns-3.29/scratch and run the below command
   ./waf -- run first