

```

ubuntu@ubuntu-120-0111N: ~/Desktop/ns-allinone-3.28.1/ns-3.28.1
Internet-apps      lr-wpan           lte
mesh               mobility          mpl
netanim (no Python) network           nix-vector-routing
olsr               point-to-point   point-to-point-layout
propagation        sixlowpan        spectrum
stats             tap-bridge       test (no Python)
topology-read      traffic-control  uan
virtual-net-device wave              wifi
wimax

Modules not built (see ns-3 tutorial for explanation):
brlte              click             openflow
visualizer

ubuntu@ubuntu-120-0111N:~/Desktop/ns-allinone-3.28.1/ns-3.28.1$ ./waf --run first
Waf: Entering directory '/home/ubuntu/Desktop/ns-allinone-3.28.1/ns-3.28.1/build'
Waf: Leaving directory '/home/ubuntu/Desktop/ns-allinone-3.28.1/ns-3.28.1/build'
Build commands will be stored in build/compile_commands.json
'build' finished successfully (0.533s)
At time 2s client sent 1024 bytes to 10.1.1.2 port 9
At time 2.00369s server received 1024 bytes from 10.1.1.1 port 49153
At time 2.00369s server sent 1024 bytes to 10.1.1.1 port 49153
At time 2.00737s client received 1024 bytes from 10.1.1.2 port 9
ubuntu@ubuntu-120-0111N:~/Desktop/ns-allinone-3.28.1/ns-3.28.1$

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ubuntu@ubuntu-120-011IN: ~/Desktop/ns-allinone-3.28.1/ns-3.28.1
cond
Waf: Entering directory `./home/ubuntu/Desktop/ns-allinone-3.28.1/ns-3.28.1/build'
Waf: Leaving directory `./home/ubuntu/Desktop/ns-allinone-3.28.1/ns-3.28.1/build'
Build commands will be stored in build/compile_commands.json
'build' finished successfully (0.532s)
At time 2s client sent 1024 bytes to 10.1.2.4 port 9
At time 2.0078s server received 1024 bytes from 10.1.1.1 port 49153
At time 2.0078s server sent 1024 bytes to 10.1.1.1 port 49153
At time 2.01761s client received 1024 bytes from 10.1.2.4 port 9
ubuntu@ubuntu-120-011IN:~/Desktop/ns-allinone-3.28.1/ns-3.28.1$
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ubuntu@ubuntu-120-0111N:~/Desktop/ns-allinone-3.28.1/ns-3.28.1
Traced 0 to 1234
ubuntu@ubuntu-120-0111N:~/Desktop/ns-allinone-3.28.1/ns-3.28.1$ cp examples/tutorial/third.cc scratch/santhree.cc
ubuntu@ubuntu-120-0111N:~/Desktop/ns-allinone-3.28.1/ns-3.28.1$ ./waf --run santhree
waf: Entering directory '/home/ubuntu/Desktop/ns-allinone-3.28.1/ns-3.28.1/build'
[ 890/1836] Compiling scratch/santhree.cc
[ 891/1836] Compiling scratch/first.cc
[ 892/1836] Compiling scratch/scratch-simulator.cc
[ 893/1836] Compiling scratch/subdir/scratch-simulator-subdir.cc
[ 898/1836] Compiling scratch/samsecond.cc
[1818/1836] Linking build/scratch/scratch-simulator
[1822/1836] Linking build/scratch/santhree
[1824/1836] Linking build/scratch/subdir/subdir
[1825/1836] Linking build/scratch/first
[1825/1836] Linking build/scratch/samsecond
waf: Leaving directory '/home/ubuntu/Desktop/ns-allinone-3.28.1/ns-3.28.1/build'
Build commands will be stored in build/compile_commands.json
'build' finished successfully (5.090s)
At time 2s client sent 1024 bytes to 10.1.2.4 port 9
At time 2.01794s server received 1024 bytes from 10.1.3.3 port 49153
At time 2.01794s server sent 1024 bytes to 10.1.3.3 port 49153
At time 2.03371s client received 1024 bytes from 10.1.2.4 port 9
ubuntu@ubuntu-120-0111N:~/Desktop/ns-allinone-3.28.1/ns-3.28.1$

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ubuntu@ubuntu-120-011IN: ~/Desktop/ns-allinone-3.28.1/ns-3.28.1
buntu@ubuntu-120-011IN:~/Desktop/ns-allinone-3.28.1/ns-3.28.1$ cp examples/tutorial/
al/fourth.cc scratch/samfour.cc
buntu@ubuntu-120-011IN:~/Desktop/ns-allinone-3.28.1/ns-3.28.1$ ./waf --run samfo
r
af: Entering directory '/home/ubuntu/Desktop/ns-allinone-3.28.1/ns-3.28.1/build'
889/1834] Compiling scratch/samfour.cc
890/1834] Compiling scratch/first.cc
891/1834] Compiling scratch/scratch-simulator.cc
892/1834] Compiling scratch/subdir/scratch-simulator-subdir.cc
897/1834] Compiling scratch/samsecond.cc
1816/1834] Linking build/scratch/samsecond
1817/1834] Linking build/scratch/scratch-simulator
1818/1834] Linking build/scratch/samfour
1823/1834] Linking build/scratch/subdir
1822/1834] Linking build/scratch/first
af: Leaving directory '/home/ubuntu/Desktop/ns-allinone-3.28.1/ns-3.28.1/build'
uild commands will be stored in build/compile_commands.json
build' finished successfully (4.376s)
raced 0 to 1234
buntu@ubuntu-120-011IN:~/Desktop/ns-allinone-3.28.1/ns-3.28.1$

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