

```

Enter TRACE:2
rtinit0 called at 0.000000
Node 0 sending INITIAL cost from node 0 to node 1 --> 1
Node 0 sending INITIAL cost from node 0 to node 2 --> 3
Node 0 sending INITIAL cost from node 0 to node 3 --> 7
rtinit1 called at 0.000000
Node 1 sending INITIAL cost from node 1 to node 0 --> 1
Node 1 sending INITIAL cost from node 1 to node 2 --> 1
rtinit2 called at 0.000000
Node 2 sending INITIAL cost from node 2 to node 0 --> 3
Node 2 sending INITIAL cost from node 2 to node 1 --> 1
Node 2 sending INITIAL cost from node 2 to node 3 --> 2
rtinit3 called at 0.000000
Node 3 sending INITIAL cost from node 3 to node 0 --> 7
Node 3 sending INITIAL cost from node 3 to node 2 --> 2
MAIN: rcv event, t=0.947, at 3 src: 0, dest: 3, contents:  0  1  3  7
rtupdate3 received a packet that was sent from node 0 at 0.946640
----- NEW INFORMATION -----
Received new distance from node 0 to node 0 --> 0
Received new distance from node 0 to node 1 --> 1
Received new distance from node 0 to node 2 --> 3
Received new distance from node 0 to node 3 --> 7
Calculated new minimum for path between node 3 and node 1 --> 8
-----
Sending new information from node 3 to node 0
Sending new information from node 3 to node 2
      cost to
    D3 |  0    1    2    3
    ----|-----
      0 |  0    1    3    7
      1 | 999  999  999  999
from 2 | 999  999  999  999
      3 |  7    8    2    0
MAIN: rcv event, t=0.992, at 0 src: 1, dest: 0, contents:  1  0  1 999
rtupdate0 received a packet that was sent from node 1 at 0.992243
----- NEW INFORMATION -----
Received new distance from node 1 to node 0 --> 1
Received new distance from node 1 to node 1 --> 0
Received new distance from node 1 to node 2 --> 1
Received new distance from node 1 to node 3 --> 999
Calculated new minimum for path between node 0 and node 2 --> 2
-----
Sending new information from node 0 to node 1

```

Sending new information from node 0 to node 2

Sending new information from node 0 to node 3

cost to

D0	0	1	2	3
----	-----	-----	-----	-----
0	0	1	2	7
1	1	0	1	999
from 2	999	999	999	999
3	999	999	999	999

MAIN: rcv event, t=1.209, at 3 src: 2, dest: 3, contents: 3 1 0 2

rtupdate3 received a packet that was sent from node 2 at 1.209223

----- NEW INFORMATION -----

Received new distance from node 2 to node 0 --> 3

Received new distance from node 2 to node 1 --> 1

Received new distance from node 2 to node 2 --> 0

Received new distance from node 2 to node 3 --> 2

Calculated new minimum for path between node 3 and node 0 --> 5

Calculated new minimum for path between node 3 and node 1 --> 3

Sending new information from node 3 to node 0

Sending new information from node 3 to node 2

cost to

D3	0	1	2	3
----	-----	-----	-----	-----
0	0	1	3	7
1	999	999	999	999
from 2	3	1	0	2
3	5	3	2	0

MAIN: rcv event, t=1.276, at 3 src: 0, dest: 3, contents: 0 1 2 7

rtupdate3 received a packet that was sent from node 0 at 1.275716

----- NEW INFORMATION -----

Received new distance from node 0 to node 0 --> 0

Received new distance from node 0 to node 1 --> 1

Received new distance from node 0 to node 2 --> 2

Received new distance from node 0 to node 3 --> 7

** Distance table not updated **

cost to

D3	0	1	2	3
----	-----	-----	-----	-----
0	0	1	2	7
1	999	999	999	999
from 2	3	1	0	2

```

    3|    5    3    2    0
MAIN: rcv event, t=1.642, at 2 src: 0, dest: 2, contents:  0  1  3  7
rtupdate2 received a packet that was sent from node 0 at 1.641910
----- NEW INFORMATION -----
Received new distance from node 0 to node 0 --> 0
Received new distance from node 0 to node 1 --> 1
Received new distance from node 0 to node 2 --> 3
Received new distance from node 0 to node 3 --> 7
** Distance table not updated **
-----
                cost to
    D2 |    0    1    2    3
    ----|-----
    0|    0    1    3    7
    1|   999   999   999   999
from 2|    3    1    0    2
    3|   999   999   999   999
MAIN: rcv event, t=1.871, at 1 src: 0, dest: 1, contents:  0  1  3  7
rtupdate1 received a packet that was sent from node 0 at 1.870574
----- NEW INFORMATION -----
Received new distance from node 0 to node 0 --> 0
Received new distance from node 0 to node 1 --> 1
Received new distance from node 0 to node 2 --> 3
Received new distance from node 0 to node 3 --> 7
Calculated new minimum for path between node 1 and node 3 --> 8
-----
Sending new information from node 1 to node 0
Sending new information from node 1 to node 2
                cost to
    D1 |    0    1    2    3
    ----|-----
    0|    0    1    3    7
    1|    1    0    1    8
from 2|   999   999   999   999
    3|   999   999   999   999
MAIN: rcv event, t=2.166, at 2 src: 1, dest: 2, contents:  1  0  1 999
rtupdate2 received a packet that was sent from node 1 at 2.165707
----- NEW INFORMATION -----
Received new distance from node 1 to node 0 --> 1
Received new distance from node 1 to node 1 --> 0
Received new distance from node 1 to node 2 --> 1
Received new distance from node 1 to node 3 --> 999
Calculated new minimum for path between node 2 and node 0 --> 2

```

```

-----
Sending new information from node 2 to node 0
Sending new information from node 2 to node 1
Sending new information from node 2 to node 3

```

cost to

D2	0	1	2	3
----	-----	-----	-----	-----
0	0	1	3	7
1	1	0	1	999
from 2	2	1	0	2
3	999	999	999	999

```

MAIN: rcv event, t=2.407, at 0 src: 2, dest: 0, contents:  3  1  0  2
rtupdate0 received a packet that was sent from node 2 at 2.406722

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----- NEW INFORMATION -----

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Received new distance from node 2 to node 0 --> 3
Received new distance from node 2 to node 1 --> 1
Received new distance from node 2 to node 2 --> 0
Received new distance from node 2 to node 3 --> 2
Calculated new minimum for path between node 0 and node 3 --> 4

```

```

-----
Sending new information from node 0 to node 1
Sending new information from node 0 to node 2
Sending new information from node 0 to node 3

```

cost to

D0	0	1	2	3
----	-----	-----	-----	-----
0	0	1	2	4
1	1	0	1	999
from 2	3	1	0	2
3	999	999	999	999

```

MAIN: rcv event, t=2.421, at 2 src: 3, dest: 2, contents:  7 999  2  0
rtupdate2 received a packet that was sent from node 3 at 2.421268

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```

----- NEW INFORMATION -----

```

```

Received new distance from node 3 to node 0 --> 7
Received new distance from node 3 to node 1 --> 999
Received new distance from node 3 to node 2 --> 2
Received new distance from node 3 to node 3 --> 0
** Distance table not updated **

```

cost to

D2	0	1	2	3
----	-----	-----	-----	-----
0	0	1	3	7

1	1	0	1	999
from 2	2	1	0	2
3	7	999	2	0

MAIN: rcv event, t=2.811, at 1 src: 2, dest: 1, contents: 3 1 0 2
 rtupdate1 received a packet that was sent from node 2 at 2.810933

----- NEW INFORMATION -----

Received new distance from node 2 to node 0 --> 3
 Received new distance from node 2 to node 1 --> 1
 Received new distance from node 2 to node 2 --> 0
 Received new distance from node 2 to node 3 --> 2
 Calculated new minimum for path between node 1 and node 3 --> 3

 Sending new information from node 1 to node 0
 Sending new information from node 1 to node 2

cost to

D1	0	1	2	3
----	-----	-----	-----	-----
0	0	1	3	7
1	1	0	1	3
from 2	3	1	0	2
3	999	999	999	999

MAIN: rcv event, t=3.293, at 2 src: 3, dest: 2, contents: 7 8 2 0
 rtupdate2 received a packet that was sent from node 3 at 3.292663

----- NEW INFORMATION -----

Received new distance from node 3 to node 0 --> 7
 Received new distance from node 3 to node 1 --> 8
 Received new distance from node 3 to node 2 --> 2
 Received new distance from node 3 to node 3 --> 0
 ** Distance table not updated **

 cost to

D2	0	1	2	3
----	-----	-----	-----	-----
0	0	1	3	7
1	1	0	1	999
from 2	2	1	0	2
3	7	8	2	0

MAIN: rcv event, t=3.602, at 3 src: 2, dest: 3, contents: 2 1 0 2
 rtupdate3 received a packet that was sent from node 2 at 3.601910

----- NEW INFORMATION -----

Received new distance from node 2 to node 0 --> 2
 Received new distance from node 2 to node 1 --> 1
 Received new distance from node 2 to node 2 --> 0

Received new distance from node 2 to node 3 --> 2
Calculated new minimum for path between node 3 and node 0 --> 4

Sending new information from node 3 to node 0
Sending new information from node 3 to node 2

cost to				
D3	0	1	2	3
----- -----				
0	0	1	2	7
1	999	999	999	999
from 2	2	1	0	2
3	4	3	2	0

MAIN: rcv event, t=4.063, at 2 src: 0, dest: 2, contents: 0 1 2 7
rtupdate2 received a packet that was sent from node 0 at 4.063167

----- NEW INFORMATION -----

Received new distance from node 0 to node 0 --> 0
Received new distance from node 0 to node 1 --> 1
Received new distance from node 0 to node 2 --> 2
Received new distance from node 0 to node 3 --> 7

** Distance table not updated **

cost to				
D2	0	1	2	3
----- -----				
0	0	1	2	7
1	1	0	1	999
from 2	2	1	0	2
3	7	8	2	0

MAIN: rcv event, t=4.104, at 0 src: 3, dest: 0, contents: 7 999 2 0
rtupdate0 received a packet that was sent from node 3 at 4.103641

----- NEW INFORMATION -----

Received new distance from node 3 to node 0 --> 7
Received new distance from node 3 to node 1 --> 999
Received new distance from node 3 to node 2 --> 2
Received new distance from node 3 to node 3 --> 0

** Distance table not updated **

cost to				
D0	0	1	2	3
----- -----				
0	0	1	2	4
1	1	0	1	999
from 2	3	1	0	2

```

    3|    7   999    2    0
MAIN: rcv event, t=4.169, at 2 src: 3, dest: 2, contents:  5   3   2   0
rtupdate2 received a packet that was sent from node 3 at 4.169482

```

```

----- NEW INFORMATION -----

```

```

Received new distance from node 3 to node 0 --> 5
Received new distance from node 3 to node 1 --> 3
Received new distance from node 3 to node 2 --> 2
Received new distance from node 3 to node 3 --> 0
** Distance table not updated **

```

```

-----
              cost to
    D2 |    0    1    2    3
    ----|-----
    0|    0    1    2    7
    1|    1    0    1  999
from 2|    2    1    0    2
    3|    5    3    2    0

```

```

MAIN: rcv event, t=4.330, at 0 src: 3, dest: 0, contents:  7   8   2   0
rtupdate0 received a packet that was sent from node 3 at 4.330418

```

```

----- NEW INFORMATION -----

```

```

Received new distance from node 3 to node 0 --> 7
Received new distance from node 3 to node 1 --> 8
Received new distance from node 3 to node 2 --> 2
Received new distance from node 3 to node 3 --> 0
** Distance table not updated **

```

```

-----
              cost to
    D0 |    0    1    2    3
    ----|-----
    0|    0    1    2    4
    1|    1    0    1  999
from 2|    3    1    0    2
    3|    7    8    2    0

```

```

MAIN: rcv event, t=4.643, at 1 src: 0, dest: 1, contents:  0   1   2   7
rtupdate1 received a packet that was sent from node 0 at 4.643052

```

```

----- NEW INFORMATION -----

```

```

Received new distance from node 0 to node 0 --> 0
Received new distance from node 0 to node 1 --> 1
Received new distance from node 0 to node 2 --> 2
Received new distance from node 0 to node 3 --> 7
** Distance table not updated **

```

```

-----
              cost to

```

D1		0	1	2	3
----		-----	-----	-----	-----
0		0	1	2	7
1		1	0	1	3
from 2		3	1	0	2
3		999	999	999	999

MAIN: rcv event, t=5.213, at 0 src: 3, dest: 0, contents: 5 3 2 0
 rtupdate0 received a packet that was sent from node 3 at 5.212747

----- NEW INFORMATION -----

Received new distance from node 3 to node 0 --> 5
 Received new distance from node 3 to node 1 --> 3
 Received new distance from node 3 to node 2 --> 2
 Received new distance from node 3 to node 3 --> 0
 ** Distance table not updated **

		cost to			
D0		0	1	2	3
----		-----	-----	-----	-----
0		0	1	2	4
1		1	0	1	999
from 2		3	1	0	2
3		5	3	2	0

MAIN: rcv event, t=5.384, at 3 src: 0, dest: 3, contents: 0 1 2 4
 rtupdate3 received a packet that was sent from node 0 at 5.383835

----- NEW INFORMATION -----

Received new distance from node 0 to node 0 --> 0
 Received new distance from node 0 to node 1 --> 1
 Received new distance from node 0 to node 2 --> 2
 Received new distance from node 0 to node 3 --> 4
 ** Distance table not updated **

		cost to			
D3		0	1	2	3
----		-----	-----	-----	-----
0		0	1	2	4
1		999	999	999	999
from 2		2	1	0	2
3		4	3	2	0

MAIN: rcv event, t=5.820, at 1 src: 2, dest: 1, contents: 2 1 0 2
 rtupdate1 received a packet that was sent from node 2 at 5.820477

----- NEW INFORMATION -----

Received new distance from node 2 to node 0 --> 2
 Received new distance from node 2 to node 1 --> 1

Received new distance from node 2 to node 2 --> 0

Received new distance from node 2 to node 3 --> 2

** Distance table not updated **

cost to				
D1	0	1	2	3
----- -----				
0	0	1	2	7
1	1	0	1	3
from 2	2	1	0	2
3	999	999	999	999

MAIN: rcv event, t=6.042, at 2 src: 1, dest: 2, contents: 1 0 1 8

rtupdate2 received a packet that was sent from node 1 at 6.042466

----- NEW INFORMATION -----

Received new distance from node 1 to node 0 --> 1

Received new distance from node 1 to node 1 --> 0

Received new distance from node 1 to node 2 --> 1

Received new distance from node 1 to node 3 --> 8

** Distance table not updated **

cost to				
D2	0	1	2	3
----- -----				
0	0	1	2	7
1	1	0	1	8
from 2	2	1	0	2
3	5	3	2	0

MAIN: rcv event, t=6.071, at 0 src: 1, dest: 0, contents: 1 0 1 8

rtupdate0 received a packet that was sent from node 1 at 6.071281

----- NEW INFORMATION -----

Received new distance from node 1 to node 0 --> 1

Received new distance from node 1 to node 1 --> 0

Received new distance from node 1 to node 2 --> 1

Received new distance from node 1 to node 3 --> 8

** Distance table not updated **

cost to				
D0	0	1	2	3
----- -----				
0	0	1	2	4
1	1	0	1	8
from 2	3	1	0	2
3	5	3	2	0

MAIN: rcv event, t=6.532, at 1 src: 0, dest: 1, contents: 0 1 2 4
rtupdate1 received a packet that was sent from node 0 at 6.532176

----- NEW INFORMATION -----

Received new distance from node 0 to node 0 --> 0

Received new distance from node 0 to node 1 --> 1

Received new distance from node 0 to node 2 --> 2

Received new distance from node 0 to node 3 --> 4

** Distance table not updated **

cost to				
D1	0	1	2	3
---- -----				
0	0	1	2	4
1	1	0	1	3
from 2	2	1	0	2
3	999	999	999	999

MAIN: rcv event, t=7.021, at 0 src: 2, dest: 0, contents: 2 1 0 2
rtupdate0 received a packet that was sent from node 2 at 7.020665

----- NEW INFORMATION -----

Received new distance from node 2 to node 0 --> 2

Received new distance from node 2 to node 1 --> 1

Received new distance from node 2 to node 2 --> 0

Received new distance from node 2 to node 3 --> 2

** Distance table not updated **

cost to				
D0	0	1	2	3
---- -----				
0	0	1	2	4
1	1	0	1	8
from 2	2	1	0	2
3	5	3	2	0

MAIN: rcv event, t=7.160, at 2 src: 0, dest: 2, contents: 0 1 2 4
rtupdate2 received a packet that was sent from node 0 at 7.160166

----- NEW INFORMATION -----

Received new distance from node 0 to node 0 --> 0

Received new distance from node 0 to node 1 --> 1

Received new distance from node 0 to node 2 --> 2

Received new distance from node 0 to node 3 --> 4

** Distance table not updated **

cost to				
D2	0	1	2	3

```

-----|-----
    0|    0    1    2    4
    1|    1    0    1    8
from 2|    2    1    0    2
    3|    5    3    2    0

```

MAIN: rcv event, t=7.405, at 0 src: 1, dest: 0, contents: 1 0 1 3
 rtupdate0 received a packet that was sent from node 1 at 7.405163

----- NEW INFORMATION -----

Received new distance from node 1 to node 0 --> 1
 Received new distance from node 1 to node 1 --> 0
 Received new distance from node 1 to node 2 --> 1
 Received new distance from node 1 to node 3 --> 3
 ** Distance table not updated **

```

-----
              cost to
    D0 |    0    1    2    3
-----|-----
    0|    0    1    2    4
    1|    1    0    1    3
from 2|    2    1    0    2
    3|    5    3    2    0

```

MAIN: rcv event, t=8.086, at 0 src: 3, dest: 0, contents: 4 3 2 0
 rtupdate0 received a packet that was sent from node 3 at 8.085963

----- NEW INFORMATION -----

Received new distance from node 3 to node 0 --> 4
 Received new distance from node 3 to node 1 --> 3
 Received new distance from node 3 to node 2 --> 2
 Received new distance from node 3 to node 3 --> 0
 ** Distance table not updated **

```

-----
              cost to
    D0 |    0    1    2    3
-----|-----
    0|    0    1    2    4
    1|    1    0    1    3
from 2|    2    1    0    2
    3|    4    3    2    0

```

MAIN: rcv event, t=8.639, at 2 src: 1, dest: 2, contents: 1 0 1 3
 rtupdate2 received a packet that was sent from node 1 at 8.638953

----- NEW INFORMATION -----

Received new distance from node 1 to node 0 --> 1
 Received new distance from node 1 to node 1 --> 0
 Received new distance from node 1 to node 2 --> 1

Received new distance from node 1 to node 3 --> 3

** Distance table not updated **

cost to				
D2	0	1	2	3
----- -----				
0	0	1	2	4
1	1	0	1	3
from 2	2	1	0	2
3	5	3	2	0

MAIN: rcv event, t=8.943, at 2 src: 3, dest: 2, contents: 4 3 2 0
rtupdate2 received a packet that was sent from node 3 at 8.942584

----- NEW INFORMATION -----

Received new distance from node 3 to node 0 --> 4

Received new distance from node 3 to node 1 --> 3

Received new distance from node 3 to node 2 --> 2

Received new distance from node 3 to node 3 --> 0

** Distance table not updated **

cost to				
D2	0	1	2	3
----- -----				
0	0	1	2	4
1	1	0	1	3
from 2	2	1	0	2
3	4	3	2	0

Simulator terminated at t=8.942584, no packets in medium