

Caleb Ralphs

Project 3

Output Trace

```
cjralphs@DESKTOP-CCV5H6L:/mnt/c/Users/caleb/Documents/CS 3516/Project_3_A17/Project3$ ./project3
```

Enter Trace Level: 1

rtinit0(): initializing distance table for node 0 at time: 0.

via

D0	1	2	3
----	---	---	---

----|-----

dest 1	1	9999	9999
--------	---	------	------

dest 2	9999	3	9999
--------	------	---	------

dest 3	9999	9999	7
--------	------	------	---

sending routing packet from source: 0, to destination: 1, at time: 0.

sending routing packet from source: 0, to destination: 2, at time: 0.

sending routing packet from source: 0, to destination: 3, at time: 0.

rtinit1(): initializing distance table for node 1 at time: 0.

via

D1	0	2
----	---	---

----|-----

dest 0	1	9999
--------	---	------

dest 2	9999	1
--------	------	---

dest 3	9999	9999
--------	------	------

sending routing packet from source: 1, to destination: 0, at time: 0.

sending routing packet from source: 1, to destination: 2, at time: 0.

rtinit2(): initializing distance table for node 2 at time: 0.

via

D2 | 0 1 3

----|-----

dest 0| 3 9999 9999

dest 1| 9999 1 9999

dest 3| 9999 9999 2

sending routing packet from source: 2, to destination: 0, at time: 0.

sending routing packet from source: 2, to destination: 1, at time: 0.

sending routing packet from source: 2, to destination: 3, at time: 0.

rtinit3(): initializing distance table for node 3 at time: 0.

via

D3 | 0 2

----|-----

dest 0| 7 9999

dest 1| 9999 9999

dest 2| 9999 2

sending routing packet from source: 3, to destination: 0, at time: 0.

sending routing packet from source: 3, to destination: 2, at time: 0.

rtupdate2(): updating distance table for node 2 at time: 1040153147.

there was a change in the distance table for node 2.

via

D2 | 0 1 3

----|-----

dest 0| 3 9999 9999

dest 1| 4 1 9999

dest 3| 10 9999 2

changed mincost list for route packet: [0, 1, 3, 0].

changed mincost list for route packet: [0, 1, 3, 0].

changed mincost list for route packet: [0, 1, 3, 0].

sending updated routing packet from source: 2, to destination: 0, at time: 1040153147.

sending updated routing packet from source: 2, to destination: 1, at time: 1040153147.

sending updated routing packet from source: 2, to destination: 3, at time: 1040153147.

rtupdate3(): updating distance table for node 3 at time: 1058421268.

there was a change in the distance table for node 3.

via

D3 | 0 2

----|-----

dest 0 | 7 9999

dest 1 | 8 9999

dest 2 | 10 2

sending updated routing packet from source: 3, to destination: 0, at time: 1058421268.

sending updated routing packet from source: 3, to destination: 2, at time: 1058421268.

rtupdate2(): updating distance table for node 2 at time: 1058804907.

there was a change in the distance table for node 2.

via

D2 | 0 1 3

----|-----

dest 0 | 3 2 9999

dest 1 | 4 1 9999

dest 3 | 10 9999 2

changed mincost list for route packet: [1, 1, 1, 1].

sending updated routing packet from source: 2, to destination: 0, at time: 1058804907.

sending updated routing packet from source: 2, to destination: 1, at time: 1058804907.

sending updated routing packet from source: 2, to destination: 3, at time: 1058804907.

rtupdate0(): updating distance table for node 0 at time: 1061088272.

there was a change in the distance table for node 0.

via

D0 | 1 2 3

----|-----

dest 1| 1 9999 9999

dest 2| 2 3 9999

dest 3| 9999 9999 7

sending updated routing packet from source: 0, to destination: 1, at time: 1061088272.

sending updated routing packet from source: 0, to destination: 2, at time: 1061088272.

sending updated routing packet from source: 0, to destination: 3, at time: 1061088272.

rtupdate3(): updating distance table for node 3 at time: 1062175206.

there was a change in the distance table for node 3.

via

D3 | 0 2

----|-----

dest 0| 7 5

dest 1| 8 3

dest 2| 10 2

sending updated routing packet from source: 3, to destination: 0, at time: 1062175206.

sending updated routing packet from source: 3, to destination: 2, at time: 1062175206.

rtupdate2(): updating distance table for node 2 at time: 1064716861.

there was a change in the distance table for node 2.

via

D2 | 0 1 3

----|-----

dest 0| 3 2 9

dest 1| 4 1 9999

dest 3| 10 9999 2

sending updated routing packet from source: 2, to destination: 0, at time: 1064716861.

sending updated routing packet from source: 2, to destination: 1, at time: 1064716861.

sending updated routing packet from source: 2, to destination: 3, at time: 1064716861.

rtupdate2(): updating distance table for node 2 at time: 1065515042.

there was a change in the distance table for node 2.

via

D2 | 0 1 3

----|-----

dest 0| 3 2 5

dest 1| 4 1 3

dest 3| 10 9999 2

sending updated routing packet from source: 2, to destination: 0, at time: 1065515042.

sending updated routing packet from source: 2, to destination: 1, at time: 1065515042.

sending updated routing packet from source: 2, to destination: 3, at time: 1065515042.

rtupdate1(): updating distance table for node 1 at time: 1066024587.

there was a change in the distance table for node 1.

via

D1 | 0 2

----|-----

dest 0| 1 9999

dest 2| 4 1

dest 3| 8 9999

changed mincost list for route packet: [0, 1, 3, 0].

changed mincost list for route packet: [0, 1, 3, 0].

sending updated routing packet from source: 1, to destination: 0, at time: 1066024587.

sending updated routing packet from source: 1, to destination: 2, at time: 1066024587.

rtupdate2(): updating distance table for node 2 at time: 1067041455.

there was a change in the distance table for node 2.

via

D2 | 0 1 3

----|-----

dest 0 | 3 2 5

dest 1 | 4 1 3

dest 3 | 5 9999 2

sending updated routing packet from source: 2, to destination: 0, at time: 1067041455.

sending updated routing packet from source: 2, to destination: 1, at time: 1067041455.

sending updated routing packet from source: 2, to destination: 3, at time: 1067041455.

rtupdate0(): updating distance table for node 0 at time: 1067238456.

there was a change in the distance table for node 0.

via

D0 | 1 2 3

----|-----

dest 1 | 1 4 9999

dest 2 | 2 3 9999

dest 3 | 9999 5 7

sending updated routing packet from source: 0, to destination: 1, at time: 1067238456.

sending updated routing packet from source: 0, to destination: 2, at time: 1067238456.

sending updated routing packet from source: 0, to destination: 3, at time: 1067238456.

rtupdate3(): updating distance table for node 3 at time: 1071235541.

rtupdate0(): updating distance table for node 0 at time: 1072288667.

there was a change in the distance table for node 0.

```

        via
D0 | 1 2 3
----|-----
dest 1| 1 4 9999
dest 2| 2 3 9
dest 3| 9999 5 7

```

sending updated routing packet from source: 0, to destination: 1, at time: 1072288667.

sending updated routing packet from source: 0, to destination: 2, at time: 1072288667.

sending updated routing packet from source: 0, to destination: 3, at time: 1072288667.

rtupdate0(): updating distance table for node 0 at time: 1074898507.

rtupdate3(): updating distance table for node 3 at time: 1075800008.

there was a change in the distance table for node 3.

```

        via
D3 | 0 2
----|-----
dest 0| 7 4
dest 1| 8 3
dest 2| 10 2

```

sending updated routing packet from source: 3, to destination: 0, at time: 1075800008.

sending updated routing packet from source: 3, to destination: 2, at time: 1075800008.

rtupdate2(): updating distance table for node 2 at time: 1076754301.

there was a change in the distance table for node 2.

```

        via
D2 | 0 1 3
----|-----
dest 0| 3 2 4
dest 1| 4 1 3

```

dest 3| 5 9999 2

sending updated routing packet from source: 2, to destination: 0, at time: 1076754301.

sending updated routing packet from source: 2, to destination: 1, at time: 1076754301.

sending updated routing packet from source: 2, to destination: 3, at time: 1076754301.

rtupdate3(): updating distance table for node 3 at time: 1076827861.

there was a change in the distance table for node 3.

via

D3 | 0 2

----|-----

dest 0| 7 4

dest 1| 8 3

dest 2| 9 2

sending updated routing packet from source: 3, to destination: 0, at time: 1076827861.

sending updated routing packet from source: 3, to destination: 2, at time: 1076827861.

rtupdate1(): updating distance table for node 1 at time: 1076965189.

there was a change in the distance table for node 1.

via

D1 | 0 2

----|-----

dest 0| 1 4

dest 2| 4 1

dest 3| 8 3

sending updated routing packet from source: 1, to destination: 0, at time: 1076965189.

sending updated routing packet from source: 1, to destination: 2, at time: 1076965189.

rtupdate1(): updating distance table for node 1 at time: 1078720296.

rtupdate1(): updating distance table for node 1 at time: 1078734468.

there was a change in the distance table for node 1.

via

D1 | 0 2

----|-----

dest 0 | 1 3

dest 2 | 4 1

dest 3 | 8 3

sending updated routing packet from source: 1, to destination: 0, at time: 1078734468.

sending updated routing packet from source: 1, to destination: 2, at time: 1078734468.

rtupdate0(): updating distance table for node 0 at time: 1079880677.

there was a change in the distance table for node 0.

via

D0 | 1 2 3

----|-----

dest 1 | 1 4 8

dest 2 | 2 3 9

dest 3 | 9999 5 7

sending updated routing packet from source: 0, to destination: 1, at time: 1079880677.

sending updated routing packet from source: 0, to destination: 2, at time: 1079880677.

sending updated routing packet from source: 0, to destination: 3, at time: 1079880677.

rtupdate2(): updating distance table for node 2 at time: 1081705217.

there was a change in the distance table for node 2.

via

D2 | 0 1 3

----|-----

dest 0 | 3 2 4

dest 1 | 4 1 3

dest 3| 5 3 2

sending updated routing packet from source: 2, to destination: 0, at time: 1081705217.

sending updated routing packet from source: 2, to destination: 1, at time: 1081705217.

sending updated routing packet from source: 2, to destination: 3, at time: 1081705217.

rtupdate1(): updating distance table for node 1 at time: 1082142188.

there was a change in the distance table for node 1.

via

D1 | 0 2

----|-----

dest 0| 1 3

dest 2| 3 1

dest 3| 3 3

sending updated routing packet from source: 1, to destination: 0, at time: 1082142188.

sending updated routing packet from source: 1, to destination: 2, at time: 1082142188.

rtupdate3(): updating distance table for node 3 at time: 1082750142.

rtupdate3(): updating distance table for node 3 at time: 1083872834.

rtupdate1(): updating distance table for node 1 at time: 1084554600.

rtupdate0(): updating distance table for node 0 at time: 1084593685.

rtupdate2(): updating distance table for node 2 at time: 1085922062.

rtupdate0(): updating distance table for node 0 at time: 1086083979.

rtupdate1(): updating distance table for node 1 at time: 1086728558.

rtupdate3(): updating distance table for node 3 at time: 1086742909.

there was a change in the distance table for node 3.

via

D3 | 0 2

----|-----

dest 0| 7 3

dest 1| 8 3

dest 2| 9 2

sending updated routing packet from source: 3, to destination: 0, at time: 1086742909.

sending updated routing packet from source: 3, to destination: 2, at time: 1086742909.

rtupdate2(): updating distance table for node 2 at time: 1087863593.

rtupdate3(): updating distance table for node 3 at time: 1088362539.

there was a change in the distance table for node 3.

via

D3 | 0 2

----|-----

dest 0| 7 3

dest 1| 8 3

dest 2| 8 2

sending updated routing packet from source: 3, to destination: 0, at time: 1088362539.

sending updated routing packet from source: 3, to destination: 2, at time: 1088362539.

rtupdate2(): updating distance table for node 2 at time: 1088908468.

there was a change in the distance table for node 2.

via

D2 | 0 1 3

----|-----

dest 0| 3 2 3

dest 1| 4 1 3

dest 3| 5 3 2

sending updated routing packet from source: 2, to destination: 0, at time: 1088908468.

sending updated routing packet from source: 2, to destination: 1, at time: 1088908468.

sending updated routing packet from source: 2, to destination: 3, at time: 1088908468.

rtupdate0(): updating distance table for node 0 at time: 1089915321.

rtupdate1(): updating distance table for node 1 at time: 1090317358.

there was a change in the distance table for node 1.

via

D1 | 0 2

----|-----

dest 0 | 1 2

dest 2 | 3 1

dest 3 | 3 3

sending updated routing packet from source: 1, to destination: 0, at time: 1090317358.

sending updated routing packet from source: 1, to destination: 2, at time: 1090317358.

rtupdate0(): updating distance table for node 0 at time: 1090657713.

rtupdate2(): updating distance table for node 2 at time: 1091347511.

rtupdate3(): updating distance table for node 3 at time: 1091353971.

rtupdate2(): updating distance table for node 2 at time: 1091425127.

rtupdate3(): updating distance table for node 3 at time: 1091841037.

rtupdate1(): updating distance table for node 1 at time: 1091847656.

there was a change in the distance table for node 1.

via

D1 | 0 2

----|-----

dest 0 | 1 2

dest 2 | 2 1

dest 3 | 3 3

sending updated routing packet from source: 1, to destination: 0, at time: 1091847656.

sending updated routing packet from source: 1, to destination: 2, at time: 1091847656.

rtupdate1(): updating distance table for node 1 at time: 1091887768.

rtupdate3(): updating distance table for node 3 at time: 1092116210.

rtupdate2(): updating distance table for node 2 at time: 1092133292.

rtupdate2(): updating distance table for node 2 at time: 1092134431.

rtupdate0(): updating distance table for node 0 at time: 1092206912.

there was a change in the distance table for node 0.

via

D0 | 1 2 3

----|-----

dest 1| 1 4 8

dest 2| 2 3 9

dest 3| 3 5 7

sending updated routing packet from source: 0, to destination: 1, at time: 1092206912.

sending updated routing packet from source: 0, to destination: 2, at time: 1092206912.

sending updated routing packet from source: 0, to destination: 3, at time: 1092206912.

rtupdate3(): updating distance table for node 3 at time: 1092360566.

rtupdate3(): updating distance table for node 3 at time: 1092806164.

rtupdate1(): updating distance table for node 1 at time: 1093004814.

rtupdate0(): updating distance table for node 0 at time: 1093065994.

rtupdate3(): updating distance table for node 3 at time: 1093734629.

rtupdate1(): updating distance table for node 1 at time: 1093802398.

rtupdate2(): updating distance table for node 2 at time: 1094100950.

rtupdate0(): updating distance table for node 0 at time: 1094367090.

there was a change in the distance table for node 0.

via

D0 | 1 2 3

----|-----

dest 1| 1 4 8

dest 2| 2 3 8

dest 3| 3 5 7

sending updated routing packet from source: 0, to destination: 1, at time: 1094367090.

sending updated routing packet from source: 0, to destination: 2, at time: 1094367090.

sending updated routing packet from source: 0, to destination: 3, at time: 1094367090.

rtupdate3(): updating distance table for node 3 at time: 1094754351.

rtupdate1(): updating distance table for node 1 at time: 1095614196.

rtupdate2(): updating distance table for node 2 at time: 1095690431.

rtupdate0(): updating distance table for node 0 at time: 1096298478.

rtupdate1(): updating distance table for node 1 at time: 1096761935.

rtupdate2(): updating distance table for node 2 at time: 1097020704.

rtupdate0(): updating distance table for node 0 at time: 1097226678.

rtupdate0(): updating distance table for node 0 at time: 1097773212.

rtupdate0(): updating distance table for node 0 at time: 1097840260.

rtupdate1(): updating distance table for node 1 at time: 1098143138.

rtupdate0(): updating distance table for node 0 at time: 1098457522.

rtupdate2(): updating distance table for node 2 at time: 1098984111.

rtupdate0(): updating distance table for node 0 at time: 1099020544.

rtupdate2(): updating distance table for node 2 at time: 1099082665.

rtupdate0(): updating distance table for node 0 at time: 1099107375.

rtupdate2(): updating distance table for node 2 at time: 1099336118.

rtupdate1(): updating distance table for node 1 at time: 1099475469.

rtupdate0(): updating distance table for node 0 at time: 1099547571.

rtupdate2(): updating distance table for node 2 at time: 1099552183.

rtupdate0(): updating distance table for node 0 at time: 1099629210.

rtupdate0(): updating distance table for node 0 at time: 1099745689.

rtupdate0(): updating distance table for node 0 at time: 1100719154.

Simulator terminated at t=19.455173, no packets in medium