

tutorial@terminal-tutor ~ \$ cal 2050																							
2050																							
January							February							March									
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa			
						1			1	2	3	4	5			1	2	3	4	5			
2	3	4	5	6	7	8	6	7	8	9	10	11	12	6	7	8	9	10	11	12			
9	10	11	12	13	14	15	13	14	15	16	17	18	19	13	14	15	16	17	18	19			
16	17	18	19	20	21	22	20	21	22	23	24	25	26	20	21	22	23	24	25	26			
23	24	25	26	27	28	29	27	28						27	28	29	30	31					
30	31																						
April							May							June									
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa			
					1	2	1	2	3	4	5	6	7				1	2	3	4			
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11			
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18			
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25			
24	25	26	27	28	29	30	29	30	31					26	27	28	29	30					
July							August							September									
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa			
					1	2	1	2	3	4	5	6						1	2	3			
3	4	5	6	7	8	9	7	8	9	10	11	12	13	4	5	6	7	8	9	10			
10	11	12	13	14	15	16	14	15	16	17	18	19	20	11	12	13	14	15	16	17			
17	18	19	20	21	22	23	21	22	23	24	25	26	27	18	19	20	21	22	23	24			
24	25	26	27	28	29	30	28	29	30	31				25	26	27	28	29	30				

The screenshot shows a web browser window with the URL `terminaltutor.com/navigating-directories/even-deeper-paths`. The page title is "Terminal Tutor". The main heading is "Explanation: Building even deeper paths". Below the heading, there is a paragraph: "This showed us a directory called `Documents` inside of `/home/tutorial`. Let's list its contents!". Below the paragraph, there is a sentence: "Here is the relevant part of the directory tree:". To the left of the terminal output, there is a directory tree diagram. The root is `/`, which branches into `bin`, `dev`, `etc`, and `home`. The `home` directory branches into `tutorial`. The `tutorial` directory branches into `Documents` and `Pictures`. To the right of the diagram, there is a terminal window showing the following commands and output:

```
tutorial@terminal-tutor ~ $ ???
Unsupported command: ???
tutorial@terminal-tutor ~ $ cal 2060
2060
    January                February                March
Su Mo Tu We Th Fr Sa   Su Mo Tu We Th Fr Sa   Su Mo Tu We Th Fr Sa
                   1 2 3                   1 2 3 4 5 6
 4 5 6 7 8 9 10         8 9 10 11 12 13 14       7 8 9 10 11 12 13
11 12 13 14 15 16 17    15 16 17 18 19 20 21    14 15 16 17 18 19 20
18 19 20 21 22 23 24    22 23 24 25 26 27 28    21 22 23 24 25 26 27
25 26 27 28 29 30 31    29                                28 29 30 31

    April                  May                  June
Su Mo Tu We Th Fr Sa   Su Mo Tu We Th Fr Sa   Su Mo Tu We Th Fr Sa
                   1 2 3                   1                                1 2 3 4 5
 4 5 6 7 8 9 10         2 3 4 5 6 7 8           6 7 8 9 10 11 12
11 12 13 14 15 16 17    9 10 11 12 13 14 15     13 14 15 16 17 18 19
18 19 20 21 22 23 24    16 17 18 19 20 21 22    20 21 22 23 24 25 26
25 26 27 28 29 30      23 24 25 26 27 28 29     27 28 29 30
                   30 31

    July                  August                 September
Su Mo Tu We Th Fr Sa   Su Mo Tu We Th Fr Sa   Su Mo Tu We Th Fr Sa
                   1 2 3           1 2 3 4 5 6 7           1 2 3 4
 4 5 6 7 8 9 10         8 9 10 11 12 13 14       5 6 7 8 9 10 11
11 12 13 14 15 16 17    15 16 17 18 19 20 21    12 13 14 15 16 17 18
18 19 20 21 22 23 24    22 23 24 25 26 27 28    19 20 21 22 23 24 25
25 26 27 28 29 30 31    29 30 31                26 27 28 29 30
```

Terminal Tutor

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Explanation: Building even deeper paths

This showed us a directory called `Documents` inside of `/home/tutorial`. Let's list its contents!

Here is the relevant part of the directory tree:

```
graph TD
    root[" / "] --> bin[" bin "]
    root --> dev[" dev "]
    root --> etc[" etc "]
    root --> home[" home "]
    home --> tutorial[" tutorial "]
    tutorial --> documents[" Documents "]
    tutorial --> pictures[" Pictures "]
    style root fill:#2e8b57,color:#fff
    style bin fill:#2e8b57,color:#fff
    style dev fill:#2e8b57,color:#fff
    style etc fill:#2e8b57,color:#fff
    style home fill:#2e8b57,color:#fff
    style tutorial fill:#2e8b57,color:#fff
    style documents fill:#2e8b57,color:#fff
    style pictures fill:#2e8b57,color:#fff
```

```
tutorial@terminal-tutor ~ $ cal 3 1 2035
      March 1
Su Mo Tu We Th Fr Sa
                1  2  3
 4  5  6  7  8  9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30 31

tutorial@terminal-tutor ~ $ cal -3 1 2035
      December 2034      January 2035      February 2035
Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa
                        1  2      1  2  3  4  5  6      1  2  3
 3  4  5  6  7  8  9    7  8  9 10 11 12 13    4  5  6  7  8  9 10
10 11 12 13 14 15 16   14 15 16 17 18 19 20   11 12 13 14 15 16 17
17 18 19 20 21 22 23   21 22 23 24 25 26 27   18 19 20 21 22 23 24
24 25 26 27 28 29 30   28 29 30 31           25 26 27 28
31

tutorial@terminal-tutor ~ $ cal 10 2007
      October 2007
Su Mo Tu We Th Fr Sa
 1  2  3  4  5  6
 7  8  9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31

tutorial@terminal-tutor ~ $ cal -3 8 2011
      2011
```

Terminal Tutor

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Explanation: Building even deeper paths

This showed us a directory called `Documents` inside of `/home/tutorial`. Let's list its contents!

Here is the relevant part of the directory tree:

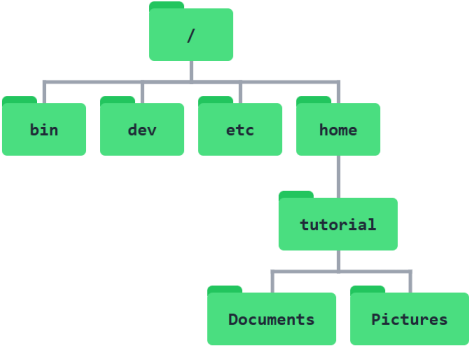
```
graph TD
    root[" / "] --> bin[" bin "]
    root --> dev[" dev "]
    root --> etc[" etc "]
    root --> home[" home "]
    home --> tutorial[" tutorial "]
    tutorial --> documents[" Documents "]
    tutorial --> pictures[" Pictures "]
    style root fill:#2e8b57,color:#fff
    style bin fill:#2e8b57,color:#fff
    style dev fill:#2e8b57,color:#fff
    style etc fill:#2e8b57,color:#fff
    style home fill:#2e8b57,color:#fff
    style tutorial fill:#2e8b57,color:#fff
    style documents fill:#2e8b57,color:#fff
    style pictures fill:#2e8b57,color:#fff
```

```
tutorial@terminal-tutor ~ $ ls -F /
bin/      etc/      opt/      usr/
dev/      home/     tmp/      var/
tutorial@terminal-tutor ~ $ ls -F /home
harry/    tutorial/
tutorial@terminal-tutor ~ $ ls -F /home/tutorial
Documents/  Music/              software-dev-coaching.txt
Downloads/  Pictures/
tutorial@terminal-tutor ~ $ ls -F/home/tutorial/Documents
total 7
drwxr-xr-x 7 tutorial staff 224 Jul 31 08:19 PM ./
drwxr-xr-x 4 tutorial staff 128 Jul 31 08:19 PM ../
drwxr-xr-x 8 tutorial staff 256 Jul 31 08:19 PM Documents/
drwxr-xr-x 2 tutorial staff  64 Jul 31 08:19 PM Downloads/
drwxr-xr-x 3 tutorial staff  96 Jul 31 08:19 PM Music/
drwxr-xr-x 4 tutorial staff 128 Jul 31 08:19 PM Pictures/
-rwxr--r-- 1 tutorial staff 278 Jul 31 08:19 PM software-dev-coaching.txt
tutorial@terminal-tutor ~ $ ls -F/home/tutorial/Documents
total 7
drwxr-xr-x 7 tutorial staff 224 Jul 31 08:19 PM ./
drwxr-xr-x 4 tutorial staff 128 Jul 31 08:19 PM ../
drwxr-xr-x 8 tutorial staff 256 Jul 31 08:19 PM Documents/
drwxr-xr-x 2 tutorial staff  64 Jul 31 08:19 PM Downloads/
drwxr-xr-x 3 tutorial staff  96 Jul 31 08:19 PM Music/
drwxr-xr-x 4 tutorial staff 128 Jul 31 08:19 PM Pictures/
-rwxr--r-- 1 tutorial staff 278 Jul 31 08:19 PM software-dev-coaching.txt
tutorial@terminal-tutor ~ $ history
Unsupported command: history
tutorial@terminal-tutor ~ $
```

Explanation: Building even deeper paths

This showed us a directory called `Documents` inside of `/home/tutorial`. Let's list its contents!

Here is the relevant part of the directory tree:



```
October                November                December
Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa
                        1  2      1  2  3  4  5  6      1  2  3  4
3  4  5  6  7  8  9    7  8  9 10 11 12 13    5  6  7  8  9 10 11
10 11 12 13 14 15 16   14 15 16 17 18 19 20   12 13 14 15 16 17 18
17 18 19 20 21 22 23   21 22 23 24 25 26 27   19 20 21 22 23 24 25
24 25 26 27 28 29 30   28 29 30                26 27 28 29 30 31
31
tutorial@terminal-tutor ~ $ cal 7 2050
July 2050
Su Mo Tu We Th Fr Sa
                        1  2
3  4  5  6  7  8  9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31
tutorial@terminal-tutor ~ $ cal 11 1999
November 1999
Su Mo Tu We Th Fr Sa
  1  2  3  4  5  6
 7  8  9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30
tutorial@terminal-tutor ~ $ cal 9 476
September 476
Su Mo Tu We Th Fr Sa
```