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| **TMS6 Basic Linux Commands** |

**Basic Linux Commands**

Current Directory

 [tms6@localhost ~]$ pwd

/home/tms6

Change Directory

[tms6@localhost ~]$ cd /tms6/bin

[tms6@localhost bin]$

List files

[tms6@localhost trace]$ ls

tracelog.140616 tracelog.140618 tracelog.140620 tracelog.140622 tracelog.140624 tracelog.140626 tracelog.140628 tracelog.140630 tracelog.140702

tracelog.140617 tracelog.140619 tracelog.140621 tracelog.140623 tracelog.140625 tracelog.140627 tracelog.140629 tracelog.140701

To list files and file data:

[tms6@localhost trace]$ ls -l

total 213184

-rw-rw-r-- 1 tms6 toptech 13647472 Jun 16 23:59 tracelog.140616

-rw-rw-r-- 1 tms6 toptech 12444332 Jun 17 23:59 tracelog.140617

-rw-rw-r-- 1 tms6 toptech 13878980 Jun 18 23:59 tracelog.140618

-rw-rw-r-- 1 tms6 toptech 23462575 Jun 19 23:59 tracelog.140619

-rw-rw-r-- 1 tms6 toptech 31587009 Jun 20 23:59 tracelog.140620

-rw-rw-r-- 1 tms6 toptech 18845541 Jun 21 23:59 tracelog.140621

-rw-rw-r-- 1 tms6 toptech 13030914 Jun 22 23:59 tracelog.140622

-rw-rw-r-- 1 tms6 toptech 11519170 Jun 23 23:59 tracelog.140623

-rw-rw-r-- 1 tms6 toptech 10498327 Jun 24 23:59 tracelog.140624

-rw-rw-r-- 1 tms6 toptech 9012632 Jun 25 23:59 tracelog.140625

-rw-rw-r-- 1 tms6 toptech 15184836 Jun 26 23:59 tracelog.140626

-rw-rw-r-- 1 tms6 toptech 14634647 Jun 27 23:59 tracelog.140627

-rw-rw-r-- 1 tms6 toptech 6963287 Jun 28 23:59 tracelog.140628

-rw-rw-r-- 1 tms6 toptech 2795636 Jun 29 23:59 tracelog.140629

-rw-rw-r-- 1 tms6 toptech 10503659 Jun 30 23:59 tracelog.140630

-rw-rw-r-- 1 tms6 toptech 6002886 Jul 1 23:59 tracelog.140701

-rw-rw-r-- 1 tms6 toptech 3872318 Jul 2 09:31 tracelog.140702

To list file data in human readable format:

[tms6@localhost trace]$ ls -lh

total 209M

-rw-rw-r-- 1 tms6 toptech 14M Jun 16 23:59 tracelog.140616

-rw-rw-r-- 1 tms6 toptech 12M Jun 17 23:59 tracelog.140617

-rw-rw-r-- 1 tms6 toptech 14M Jun 18 23:59 tracelog.140618

-rw-rw-r-- 1 tms6 toptech 23M Jun 19 23:59 tracelog.140619

-rw-rw-r-- 1 tms6 toptech 31M Jun 20 23:59 tracelog.140620

-rw-rw-r-- 1 tms6 toptech 18M Jun 21 23:59 tracelog.140621

-rw-rw-r-- 1 tms6 toptech 13M Jun 22 23:59 tracelog.140622

-rw-rw-r-- 1 tms6 toptech 11M Jun 23 23:59 tracelog.140623

-rw-rw-r-- 1 tms6 toptech 11M Jun 24 23:59 tracelog.140624

-rw-rw-r-- 1 tms6 toptech 8.6M Jun 25 23:59 tracelog.140625

-rw-rw-r-- 1 tms6 toptech 15M Jun 26 23:59 tracelog.140626

-rw-rw-r-- 1 tms6 toptech 14M Jun 27 23:59 tracelog.140627

-rw-rw-r-- 1 tms6 toptech 6.7M Jun 28 23:59 tracelog.140628

-rw-rw-r-- 1 tms6 toptech 2.7M Jun 29 23:59 tracelog.140629

-rw-rw-r-- 1 tms6 toptech 11M Jun 30 23:59 tracelog.140630

-rw-rw-r-- 1 tms6 toptech 5.8M Jul 1 23:59 tracelog.140701

-rw-rw-r-- 1 tms6 toptech 3.7M Jul 2 09:31 tracelog.140702

Find Processes

[tms6@localhost trace]$ ps -ef|grep bay

tms6 5870 1 0 Jun22 ? 00:00:00 /tms6/bin/bay\_pct

tms6 6137 4004 0 Jun22 ? 00:01:24 /toptech\_prj/bin/bay\_rcu b=05

tms6 6139 4004 0 Jun22 ? 00:01:18 /toptech\_prj/bin/bay\_rcu b=06

tms6 16202 15017 0 09:33 pts/1 00:00:00 grep bay

tms6 30251 4004 0 00:11 ? 00:00:10 /toptech\_prj/bin/bay\_rcu tlc\_ver=4 b=01

tms6 30255 4004 0 00:11 ? 00:00:07 /toptech\_prj/bin/bay\_rcu tlc\_ver=4 b=02

tms6 30262 4004 0 00:11 ? 00:00:07 /toptech\_prj/bin/bay\_rcu tlc\_ver=4 b=03

tms6 30269 4004 0 00:11 ? 00:00:09 /toptech\_prj/bin/bay\_rcu tlc\_ver=4 b=04

[tms6@localhost trace]$ ps aux|grep bay

tms6 5870 0.0 0.0 10004 1396 ? Ss Jun22 0:00 /tms6/bin/bay\_pct

tms6 6137 0.0 0.0 12416 4056 ? S Jun22 1:24 /toptech\_prj/bin/bay\_rcu b=05

tms6 6139 0.0 0.1 12924 4456 ? S Jun22 1:18 /toptech\_prj/bin/bay\_rcu b=06

tms6 16242 0.0 0.0 1948 556 pts/1 S+ 09:33 0:00 grep bay

tms6 30251 0.0 0.1 12660 5052 ? S 00:11 0:10 /toptech\_prj/bin/bay\_rcu tlc\_ver=4 b=01

tms6 30255 0.0 0.1 12660 5084 ? S 00:11 0:07 /toptech\_prj/bin/bay\_rcu tlc\_ver=4 b=02

tms6 30262 0.0 0.0 12680 3824 ? S 00:11 0:07 /toptech\_prj/bin/bay\_rcu tlc\_ver=4 b=03

tms6 30269 0.0 0.1 12716 5068 ? S 00:11 0:09 /toptech\_prj/bin/bay\_rcu tlc\_ver=4 b=04

Find Process by name

[tms6@localhost trace]$ sin na|grep bay

BAY\_PCT 5870 /tms6/bin/bay\_pct

BAY01 30251 /toptech\_prj/bin/bay\_rcu tlc\_ver=4 b=01

BAY02 30255 /toptech\_prj/bin/bay\_rcu tlc\_ver=4 b=02

BAY03 30262 /toptech\_prj/bin/bay\_rcu tlc\_ver=4 b=03

BAY04 30269 /toptech\_prj/bin/bay\_rcu tlc\_ver=4 b=04

BAY05 6137 /toptech\_prj/bin/bay\_rcu b=05

BAY06 6139 /toptech\_prj/bin/bay\_rcu b=06

[tms6@localhost trace]$ sin na|grep RACK2

RACK2 4626 /tms6/bin/lc n=RACK2 m=7734 tcpaddr=192.168.0.119 t=3000

DITTO-RACK2-001 5287 /tms6/bin/rcudittoserver n=RACK2 p=S d=001 +persist

Determine Disk Space

[tms6@localhost trace]$ df -h

Filesystem Size Used Avail Use% Mounted on

/dev/ma1 35G 4.5G 28G 14% /

/dev/ma2 412G 1.8G 389G 1% /toptech\_prj

/dev/mapper/ddf1\_4c5349202020202080862925000000004711471100001450p1

 289M 16M 258M 6% /boot

tmpfs 2.0G 0 2.0G 0% /dev/shm

List Table Data:

[tms6@localhost trace]$ mylist BayProfile

"BAY","0000001","01","00","00","000000000","01","00","00","L","001","BAY 512 WEST ","01","N","N","","1","","","","N","N","bay01.cfg ","RACK1 ","T","","","","","0984","00","Y","S","","N","","N","N","","","","N","N","","Y","N","N","N","Y","N","N","N","N","","N","N","","N","N","","","","","","","","","","","","","","","","","","","N","","","0","","","","","","","",""

"BAY","0000001","02","00","00","000000000","02","00","00","L","001","BAY 512 EAST ","01","N","N","","1","","","","N","N","bay02.cfg ","RACK2 ","T","","","","","2133","00","Y","S","","N","","N","N","","","","N","N","","Y","N","N","N","Y","N","N","N","N","","N","N","","N","N","","","","","","","","","","","","","","","","","","","N","","","0","","","","","","","",""

"BAY","0000001","03","00","00","000000000","03","00","00","L","001","BAY 511 WEST ","01","N","N","","1","","","","N","N","bay03.cfg ","RACK3 ","T","","","","","1942","00","Y","S","","N","","N","N","","","","N","N","","Y","N","N","N","Y","N","N","N","N","","N","N","","N","N","","","","","","","","","","","","","","","","","","","N","","","0","","","","","","","",""

"BAY","0000001","04","00","00","000000000","04","00","00","L","001","BAY 511 EAST ","01","N","N","","1","","","","N","N","bay04.cfg ","RACK4 ","T","","","","","2154","00","Y","S","","N","","N","N","","","","N","N","","Y","N","N","N","Y","N","N","N","N","","N","N","","N","N","","","","","","","","","","","","","","","","","","","N","","","0","","","","","","","",""

"BAY","0000001","05","00","00","000000000","05","","","P","001","OFFICE BOL READER ","00","Y","N","A","1","","","","N","N","bol1.cfg ","BOL ","","","","","","","","Y","S","","N","","N","N","","","","N","N","","N","N","N","N","N","N","N","N","N","N","N","N","","N","N","N","N","N","N","N","","N","N","N","N","N","N","N","N","N","N","N","N","Y","N","","","N","","","","","N","",""

"BAY","0000001","06","00","00","000000000","00","00","00","E","001","MAIN GATE ","00","N","N","","","","","","N","N","gate1.cfg ","GATE1 ","","","","","","","00","Y","S","","N","","N","N","","","","N","N","","Y","Y","N","N","N","N","N","N","N","","N","N","","N","N","","","","","","","","","","","","","","","","","","","N","","","0","","","","","","","",""

List Table data with Column names:

[tms6@localhost trace]$ myshow BayProfile

Tms6Data

Fields Size Data

file\_code 3 BAY

term\_id 7 0000001

ld\_bay 2 01

ld\_ctl 2 00

ld\_mtr 2 00

key\_filler 9 000000000

dual\_ld\_bay 2 01

dual\_ld\_ctl 2 00

dual\_ld\_mtr 2 00

rtype 1 L

cu 3 001

bay\_desc 30 BAY 512 WEST

dtype 2 01

card 1 N

disabled 1 N

pos\_trailer\_id 1

bol\_reprint 1 1

auth\_to\_pulse 3

load\_timeout 3

trlog\_key 4

auto\_validation 1 N

lockout\_on\_inactivity1 N

config\_file 30 bay01.cfg

lc\_name 8 RACK1

rack\_type 1 T

tid\_control\_name1 8

tid\_cu1 3

tid\_control\_name2 8

tid\_cu2 3

rcu\_ticket\_no 4 0984

track\_no 2 00

start\_on\_power\_up 1 Y

protocol 1 S

opto\_name 12

l\_confirm\_del\_date 1 N

max\_zero\_tol 3

preset\_transaction\_pr1 N

fp\_enabled 1 N

fp\_addr 3

fp\_enroll 1

fp\_retry 1

asphalt 1 N

trips 1 N

trip\_days 1

pin\_req 1 Y

mail\_req 1 N

prompt\_veh 1 N

top\_loading 1 N

bottom\_loading 1 Y

custom\_order\_confirm 1 N

flowauth\_processing 1 N

trans\_gl\_processing 1 N

spec\_tandem\_trailer 1 N

traffic\_processing 1

vru\_loading 1 N

voc 1 N

overfill\_limit 1

overfill\_warning\_only1 N

acr 1 N

load\_recap\_enable 1

check\_prod\_tank\_batch1

weigh\_stage 1

scale\_voucher\_print 1

new\_weigh\_scale\_proce1

accum\_load\_time 7

gate\_icon\_display 1

sequential\_loading 1

car\_wash 1

red\_light\_processing 1

intermediate\_weight\_b1

process\_vehicle\_types1

ambient\_density 1

no\_swing\_arm\_inputs 1

gate\_operation\_at\_bay1

enable\_retained\_promp1

access\_validation 1

multi\_weight\_process 1

lockout\_bypass 1 N

always\_open\_gate 1

fid\_lc\_name 8

fid\_version 1 0

enable\_event\_logging 1

vehicle\_comp\_check 1

secured\_area 1

validate\_trailer\_on\_o1

ignore\_access\_profile1

non\_physical\_gate 1

tankcar 10

filler 484

#####################################

Output Table Data to file:

[tms6@localhost trace]$ myshow BayProfile > /tmp/BayProfile.backup

Output Table Data to vi terminal

[tms6@localhost trace]$ myshow BayProfile|vi –

Open file in vi editor:

[tms6@localhost trace]$ vi /tmp/BayProfile.backup