

sysmocom

sysmocom - s.f.m.c. GmbH



osmocom

OsmoPCU User Manual

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The Asciidoc source code of this manual can be found at <http://git.osmocom.org/osmo-gsm-manuals/>

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DRAFT	unknown		HW

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6.3.2 TAB completion

The VTY supports tab (tabulator) completion. Simply type any partial command and press <tab>, and it will either show you a list of possible expansions, or completes the command if there's only one choice.

Example: Use of <tab> pressed after typing only s as command

```
OsmoMSC> s ❶  
show      sms      subscriber
```

❶ Type <tab> here.

At this point, you may choose `show`, and then press <tab> again:

Example: Use of <tab> pressed after typing show command

```
OsmoMSC> show ❶  
version      online-help history      cs7      logging      alarms  
talloc-context stats      asciidoc      rate-counters fsm      fsm-instances  
sgs-connections subscriber bsc      connection transaction statistics  
sms-queue smpp
```

❶ Type <tab> here.

6.3.3 The list command

The `list` command will give you a full list of all commands and their arguments available at the current node:

Example: Typing list at start of OsmoMSC VIEW node prompt

```
OsmoMSC> list  
show version  
show online-help  
list  
exit  
help  
enable  
terminal length <0-512>  
terminal no length  
who  
show history  
show cs7 instance <0-15> users  
show cs7 (sua|m3ua|ipa) [<0-65534>]  
show cs7 instance <0-15> asp  
show cs7 instance <0-15> as (active|all|m3ua|sua)  
show cs7 instance <0-15> sccp addressbook  
show cs7 instance <0-15> sccp users  
show cs7 instance <0-15> sccp ssn <0-65535>  
show cs7 instance <0-15> sccp connections  
show cs7 instance <0-15> sccp timers  
logging enable  
logging disable  
logging filter all (0|1)  
logging color (0|1)  
logging timestamp (0|1)  
logging print extended-timestamp (0|1)  
logging print category (0|1)  
logging print category-hex (0|1)  
logging print level (0|1)  
logging print file (0|1|basename) [last]
```

```

logging set-log-mask MASK
logging level (rll|cc|mm|rr|mncc|pag|msc|mgcp|ho|db|ref|ctrl|smpp|ranap|vlr|iucs|bssap| ←
    sgs|lglobal|llapd|linp|lmux|lmi|lmib|lsms|lctrl|lgtp|lstats|lgsup|loap|lss7|lsccp|lsua ←
    |lm3ua|lmgcp|ljibuf|lrspro) (debug|info|notice|error|fatal)
logging level set-all (debug|info|notice|error|fatal)
logging level force-all (debug|info|notice|error|fatal)
no logging level force-all
show logging vty
show alarms
show talloc-context (application|all) (full|brief|DEPTH)
show talloc-context (application|all) (full|brief|DEPTH) tree ADDRESS
show talloc-context (application|all) (full|brief|DEPTH) filter REGEXP
show stats
show stats level (global|peer|subscriber)
show asciidoc counters
show rate-counters
show fsm NAME
show fsm all
show fsm-instances NAME
show fsm-instances all
show sgs-connections
show subscriber (msisdn|extension|imsi|tmsi|id) ID
show subscriber cache
show bsc
show connection
show transaction
sms send pending
sms delete expired
subscriber create imsi ID
subscriber (msisdn|extension|imsi|tmsi|id) ID sms sender (msisdn|extension|imsi|tmsi|id) ←
    SENDER_ID send .LINE
subscriber (msisdn|extension|imsi|tmsi|id) ID silent-sms sender (msisdn|extension|imsi| ←
    tmsi|id) SENDER_ID send .LINE
subscriber (msisdn|extension|imsi|tmsi|id) ID silent-call start (any|tch/f|tch/any|sdch)
subscriber (msisdn|extension|imsi|tmsi|id) ID silent-call stop
subscriber (msisdn|extension|imsi|tmsi|id) ID ussd-notify (0|1|2) .TEXT
subscriber (msisdn|extension|imsi|tmsi|id) ID ms-test close-loop (a|b|c|d|e|f|i)
subscriber (msisdn|extension|imsi|tmsi|id) ID ms-test open-loop
subscriber (msisdn|extension|imsi|tmsi|id) ID paging
show statistics
show sms-queue
logging filter imsi IMSI
show smpp esme

```

Tip

Remember, the list of available commands will change significantly depending on the Osmocom program you are accessing, its software version and the current node you're at. Compare the above example of the OsmoMSC *VIEW* node with the list of the OsmoMSC *NETWORK* config node:

Example: Typing list at start of OsmoMSC NETWORK config node prompt

```

OsmoMSC(config-net)# list
help
list
write terminal
write file
write memory
write
show running-config

```


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```

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