

PeopleSoftTutorial.com

Useful tadmin Commands

Tuxedo command line is also known as tadmin. It can be invoked from psadmin -> application server or process scheduler; after selecting a domain.

Apart from invoking it from psadmin, there are 3 ways to invoke tadmin:

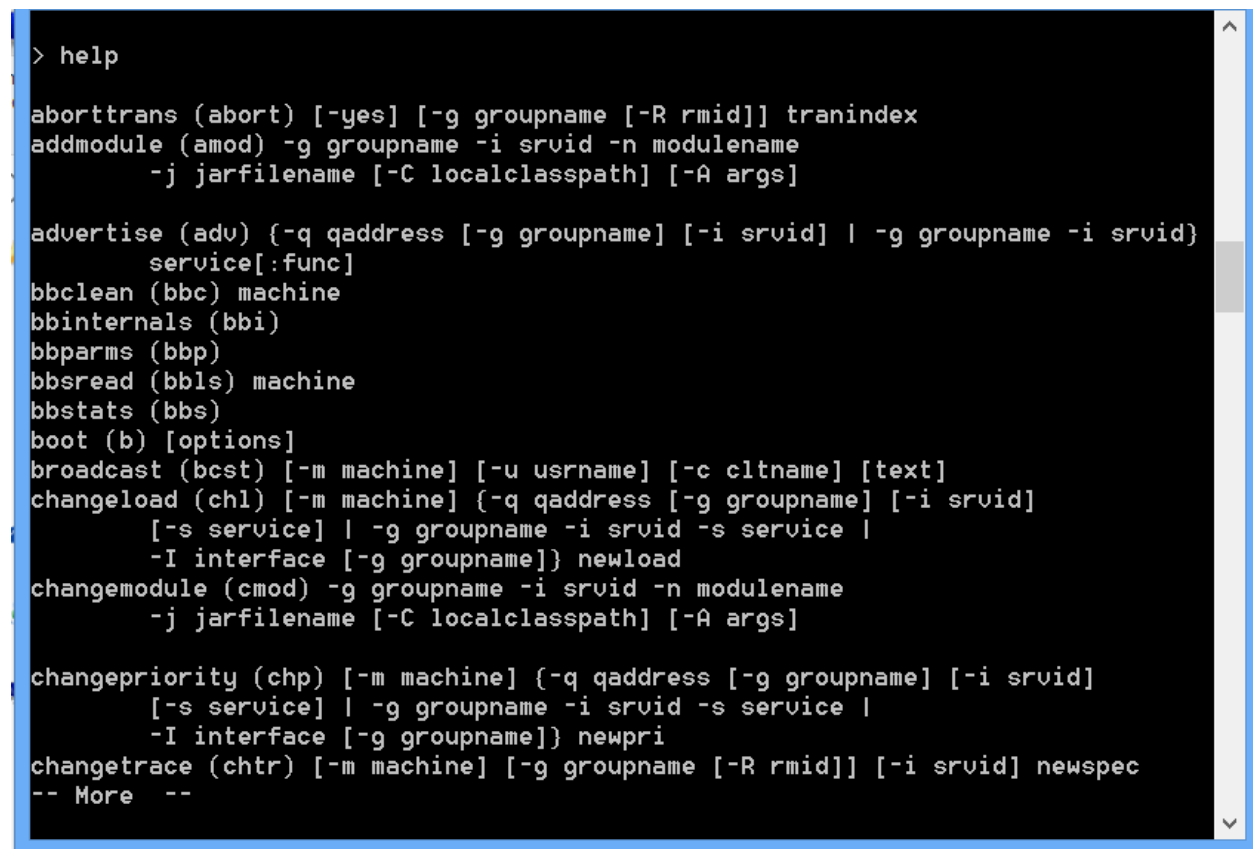
tadmin [-r] [-c] [-v]

- If tadmin is invoked with the -c option, it enters configuration mode
- The -r option instructs tadmin to enter the bulletin board as a client instead of as the administrator; in other words, it requests read-only access
- The -v option causes tadmin to display the BEA Tuxedo version number and license number

Frequently used tadmin commands

When using psadmin to invoke tadmin commands, you may find situations where you need to use the following useful tadmin commands.

>help – lists commands available in tadmin console with the option chosen



```
> help
aborttrans (abort) [-yes] [-g groupname [-R rmid]] tranindex
addmodule (amod) -g groupname -i srvid -n modulename
    -j jarfilename [-C localclasspath] [-A args]
advertise (adv) [-q qaddress [-g groupname] [-i srvid] | -g groupname -i srvid]
    service[:func]
bbclean (bbc) machine
bbinternals (bbi)
bbparms (bbp)
bbsread (bbls) machine
bbstats (bbs)
boot (b) [options]
broadcast (bcst) [-m machine] [-u username] [-c cltname] [text]
changeload (chl) [-m machine] [-q qaddress [-g groupname] [-i srvid]
    [-s service] | -g groupname -i srvid -s service |
    -I interface [-g groupname]] newload
changemodule (cmod) -g groupname -i srvid -n modulename
    -j jarfilename [-C localclasspath] [-A args]
changepriority (chp) [-m machine] [-q qaddress [-g groupname] [-i srvid]
    [-s service] | -g groupname -i srvid -s service |
    -I interface [-g groupname]] newpri
changetrace (chtr) [-m machine] [-g groupname [-R rmid]] [-i srvid] newspec
-- More --
```

>**bbclean (bbc machine)** - bbclean gracefully removes dead servers and restarts them if they are marked as restartable.

```
1) Boot this domain
2) Domain shutdown menu
3) Domain status menu
4) Configure this domain
5) TUXEDO command line (tmadmin)
6) Edit configuration/log files menu
7) Messaging Server Administration menu
8) Purge Cache
9) Preload Cache
10) Clean IPC resources of this domain
q) Quit

Command to execute (1-10, q) : 5
Loading command line administration utility ...
tmadmin - Copyright (c) 1996-2010 Oracle.
Portions © Copyright 1986-1997 RSA Data Security, Inc.
All Rights Reserved.
Distributed under license by Oracle.
Tuxedo is a registered trademark.

> bbclean
Cleaning the bulletin board on machine AYAN-UAIO.

>
```

>**bbstats (bbs)** - Prints a summary of bulletin board statistics

```
> bbs
Current Bulletin Board Status:
    Current number of servers: 12
    Current number of services: 161
    Current number of request queues: 11
    Current number of server groups: 9
    Current number of interfaces: 0

>
```

>printclient (pctl) [-m machine] [-u username] [-c clientname]

Prints information for the specified set of client processes. If no arguments, then information on all clients is printed. The -m, -u, and -c options or defaults can be used to restrict the information to any combination of machine, user name, or client name.

pctl example:

```
> pctl
  LMID      User Name      Client Name      Time      Status      Bgn/Cmmt/Abrt
-----
AYAN-UAIO  NT             JSH              25:08:43  IDLE        0/0/0
AYAN-UAIO  NT             JSH              25:08:43  IDLE        0/0/0
AYAN-UAIO  NT             JSH              25:08:43  IDLE        0/0/0
AYAN-UAIO  NT             JSH              25:08:43  IDLE        0/0/0
AYAN-UAIO  NT             JSH              25:08:43  IDLE        0/0/0
AYAN-UAIO  NT             tmadmin          0:04:45   IDLE        0/0/0
>
```

pctl -m machine and pctl -c clientname example:

```
> pctl -m AYAN-UAIO
  LMID      User Name      Client Name      Time      Status      Bgn/Cmmt/Abrt
-----
AYAN-UAIO  NT             JSH              25:24:43  IDLE        0/0/0
AYAN-UAIO  NT             JSH              25:24:43  IDLE        0/0/0
AYAN-UAIO  NT             JSH              25:24:43  IDLE        0/0/0
AYAN-UAIO  NT             JSH              25:24:43  IDLE        0/0/0
AYAN-UAIO  NT             JSH              25:24:43  IDLE        0/0/0
AYAN-UAIO  NT             tmadmin          0:20:45   IDLE        0/0/0

> pctl -c JSH
  LMID      User Name      Client Name      Time      Status      Bgn/Cmmt/Abrt
-----
AYAN-UAIO  NT             JSH              25:25:28  IDLE        0/0/0
AYAN-UAIO  NT             JSH              25:25:28  IDLE        0/0/0
AYAN-UAIO  NT             JSH              25:25:28  IDLE        0/0/0
AYAN-UAIO  NT             JSH              25:25:28  IDLE        0/0/0
AYAN-UAIO  NT             JSH              25:25:28  IDLE        0/0/0
```

>**printserver (psr) [-m machine] [-g groupname] [-i sruvid] [-q qaddress]**

Print information for application and administrative servers.

psr example:

```
> psr
Prog Name      Queue Name    Grp Name      ID RqDone  Load Done  Current Service
-----
BBL.exe        47404         AYAN-UA+      0   473    23650 ( IDLE )
PSANALYTICSRU.00080.00001 ANALYTI+      1     0     0 ( IDLE )
PSMONITORSRU.e MONITOR       MONITOR       1     0     0 ( IDLE )
PSAPPSRU.exe   APPQ          APPSRU        1    99    4950 ( IDLE )
PSWATCHSRU.exe WATCH         WATCH         1     0     0 ( IDLE )
PSANALYTICSRU.00080.00002 ANALYTI+      2     0     0 ( IDLE )
PSAPPSRU.exe   APPQ          APPSRU        2     0     0 ( IDLE )
PSANALYTICSRU.00080.00003 ANALYTI+      3     0     0 ( IDLE )
JREPSUR.exe    00094.00250  JREGRP       250   10    500 ( IDLE )
JSL.exe        00095.00200  JSLGRP       200     0     0 ( IDLE )
PSSAMSRU.exe   SAMQ          APPSRU       100     0     0 ( IDLE )
PSRENSRU.exe   RENQ1        RENGRP       101     0     0 ( IDLE )
>
```

psr -g groupname example:

```
> psr -g APPSRU
Prog Name      Queue Name    Grp Name      ID RqDone  Load Done  Current Service
-----
PSAPPSRU.exe   APPQ          APPSRU        1    99    4950 ( IDLE )
PSAPPSRU.exe   APPQ          APPSRU        2     0     0 ( IDLE )
PSSAMSRU.exe   SAMQ          APPSRU       100     0     0 ( IDLE )
>
```

>v

Verbose now on. So, if you run the previous command with verbose on, the output would be like shown below:

```
> v
Verbose now on.

> pctl -c JSH
                                LMID: AYAN-UAIO
      Reply queue address: 20
      User Name: NT
      Application Name: JSH
      Network Address: -
      Time Connected: 25:29:11
      Requests Outstanding/Made: 0/9
      Conversations Active/Initiated: 0/0
      Transactions Begun: 0
      Transactions Committed: 0
      Transactions Aborted: 0
      Transactions Begun Per Hour: 0
      Requests Made Per Hour: 0
      Conversations Initiated Per Hour: 0
      Status: IDLE

                                LMID: AYAN-UAIO
      Reply queue address: 21
```

>v off

Turn off verbose mode

```
> v off
Verbose now off.

>
```

>printqueue (pq) [qaddress]

Prints queue information for all application and administrative servers. The default is to print information about all queues.

pq example:

```
> pq
Prog Name      Queue Name    # Serve Wk Queued  # Queued  Ave. Len  Machine
-----
PSANALYTICSRU. 00080.00002   1      -      0      -      AYAN-UAIO
PSAPPSRU.exe   APPQ          2      -      0      -      AYAN-UAIO
PSANALYTICSRU. 00080.00001   1      -      0      -      AYAN-UAIO
JREPSUR.exe    00094.00250   1      -      0      -      AYAN-UAIO
PSRENSRU.exe   RENQ1         1      -      0      -      AYAN-UAIO
PSMONITORSRU.e MONITOR        1      -      0      -      AYAN-UAIO
PSANALYTICSRU. 00080.00003   1      -      0      -      AYAN-UAIO
JSL.exe        00095.00200   1      -      0      -      AYAN-UAIO
PSWATCHSRU.exe WATCH          1      -      0      -      AYAN-UAIO
PSSAMSRU.exe   SAMQ          1      -      0      -      AYAN-UAIO
BBL.exe        47404         1      -      0      -      AYAN-UAIO
```

>printservice (psc) [-m machine] [-g groupname] [-i sruvid] [-a { 0|1|2 }] [-qqaddress] [-s service]

Prints information for application and administrative services. The -a option allows you to select the class of service: -a0 limits the display to application services, -a1 selects application services plus system services that can be called by an application, -a2 selects both of those, plus system services that can be called by the BEA Tuxedo system.

psc -g groupname example:

```
> psc -g APPSRU -a2
Service Name Routine Name Prog Name Grp Name ID Machine # Done Status
-----
WsrpPortlet+ WsrpPortlet+ PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
UpdatePubDa+ UpdatePubDa+ PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
Template Template PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
TdmUtilSvc TdmUtilSvc PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
SubContract SubContract PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
StmGetTime0+ StmGetTime0+ PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
StmGetExpla+ StmGetExpla+ PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
StmChgPswd StmChgPswd PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
SqlRequest SqlRequest PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
SqlQuery SqlRequest PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
SamGetParms+ SamGetParms+ PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
ResubmitPub ResubmitPub PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
ReplayEncry+ ReplayEncry+ PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
RenRequest RenRequest PSAPPSRU.+ APPSRU 1 AYAN-VAIO 2 AVAIL
RemoteCall RemoteCall PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
RamList RamList PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
QdmGetList$+ QdmGetList$+ PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
Publish Publish PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
PubContract PubContract PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
PsmGetBOEIn+ PsmGetBOEIn+ PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
PsmChkUserR+ PsmChkUserR+ PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
PsmChkRptAu+ PsmChkRptAu+ PSAPPSRU.+ APPSRU 1 AYAN-VAIO 0 AVAIL
-- More --
```