

Re: tty1 or tty2 how about both?

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Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2006-06/msg00170.html>

- *From:* "Green, Simon" <Simon.Green@xxxxxxxxxxxxxx>
 - *Date:* Thu, 29 Jun 2006 18:41:04 +0200
-

If all you want is a simple terminal to login at I don't think it needs to have anything to do with inittab.

-----Original Message-----

From: IBM AIX Discussion List [<mailto:aix-l@xxxxxxxxxxxxxx>] On Behalf Of Patrick B. O'Brien
Sent: 29 June 2006 17:19
To: aix-l@xxxxxxxxxxxxxx
Subject: Re: tty1 or tty2 how about both?

Does smit mkTTY updates the /etc/inittab only??

I have com2,tty2,sa2 working on one rs6000 but none of the others.

I made sure my good inittab where com2 worked, matched that of another rs6000 but still that com2 does not work; bummer.

Any thoughts and tia!

```
#mkdev -c tty -t 'tty' -s 'rs232' -p 'sa1' -w '0' -a login='enable'
```

```
# cat /etc/inittab|grep -i tty
```

```
cons:0123456789:respawn:/usr/sbin/getty /dev/console
```

```
tty1:2:respawn:/usr/sbin/getty /dev/tty1
```

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```
#mkdev -c tty -t 'tty' -s 'rs232' -p 'sa2' -w '0' -a login='enable'
```

```
# cat /etc/inittab|grep -i tty
```

```
cons:0123456789:respawn:/usr/sbin/getty /dev/console
```

```
tty1:2:respawn:/usr/sbin/getty /dev/tty1
```

```
tty2:2:respawn:/usr/sbin/getty /dev/tty2
```

From: IBM AIX Discussion List [<mailto:aix-l@xxxxxxxxxxxxxx>] On Behalf Of Green, Simon
Sent: Wednesday, June 28, 2006 8:00 AM
To: aix-l@xxxxxxxxxxxxxx
Subject: Re: tty1 or tty2 how about both?

If it were me, I'd delete tty1 and redefine it.

```
rmdev -dl tty1
```

smitty mktty – just take all the defaults, except set "login" to "enable".

That should be all you need to do, I think.

Also check the login restrictions on your userid.

Simon Green
Altria ITSC Europe s.a.r.l.

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<<https://lists.princeton.edu/listserv/aix-l.html>>

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N.B. Unsolicited email from vendors will not be appreciated.
Please post all follow-ups to the list.

-----Original Message-----

From: IBM AIX Discussion List [<mailto:aix-l@xxxxxxxxxxxxxxx>] On Behalf Of
Patrick B. O'Brien
Sent: 28 June 2006 15:28
To: aix-l@xxxxxxxxxxxxxxx
Subject: Re: tty1 or tty2 how about both?

I only need to get to a login shell using my second com port (2) as my first
com port (1) is tied up with the KVM hardware.

I key in, penable /dev/tty1, I might get a brief login screen, it
disappears, and so then I am unable to login.

I've bounced the serial console, no joy.

Is there something else I need to do?

```
# lsdev -C -c tty -H
```

```
name status location description
```

```
tty0 Available 01-S1-00-00 Asynchronous Terminal
```

```
tty1 Available 01-S2-00-00 Asynchronous Terminal
```

```
tty2 Available 01-S3-00-00 Asynchronous Terminal
```

```
tty3 Available 01-S4-00-00 Asynchronous Terminal
```

TIA SG!

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From: IBM AIX Discussion List [<mailto:aix-l@xxxxxxxxxxxxxx>] On Behalf Of Green, Simon
Sent: Wednesday, June 28, 2006 2:53 AM
To: aix-l@xxxxxxxxxxxxxx
Subject: Re: tty1 or tty2 how about both?

As far as I am aware, the actual console can only be assigned to one device at a time. Usually, during an install or maintenance boot the firmware broadcasts to all the available terminals so that you can choose whichever one you want at that time. (That can depend on the particular hardware.) Of course, you're then stuck with that 'til the next time.

If all you want is to be able to login to a running system on a different terminal then you don't need to change the console, just define the appropriate tty and enable it for logins.

What is it that you need this terminal for?

Simon Green
Altria ITSC Europe s.a.r.l.

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-----Original Message-----

From: IBM AIX Discussion List [<mailto:aix-l@xxxxxxxxxxxxxx>] On Behalf Of

Re: tty1 or tty2 how about both?

Re: tty1 or tty2 how about both?

Patrick B. O'Brien

Sent: 27 June 2006 18:40

To: aix-l@xxxxxxxxxxxxxx

Subject: tty1 or tty2 how about both?

We kvm (keyboard video mouse) in remotely on tty1 (sa0).

But sometimes I need to tty in, in front of the aix node, on tty2 (sa1).

It looks like I need issue 2 commands to move my console to tty2;

How can I use both com1 and com2 to shell in?

```
#chcons -a login=enable /dev/tty1
```

```
chcons: console login enabled, effective on next system boot
```

```
chcons: console assigned to: /dev/tty1, effective on next system boot
```

```
#penable /dev/tty1
```

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