

Re: Loading bttv module at boot?

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2005-04/2136.html>

From: kwhiskers (*kwhiskers_at_gmail.com*)

Date: 04/11/05

Date: Mon, 11 Apr 2005 01:34:50 -0600

To: For users of Fedora Core releases <fedora-list@redhat.com>

John,

I don't quite understand 100%. The bootup output says the card is automatically detected and loaded to dev/video0 at boot. Yet, you say that when you have to reboot, you have to manually modprobe it? You mean to say that when you cold boot the pc, it loads, but when you do a reboot, it doesn't?

{Thanks for the tip about dev/audio. Does dev/audio work with alsa, or only the old, uh, what are they called, oss drivers? I could never figure out why I was only getting video, but no sound. LOL }

Well, until it all gets solved, why don't you just put the modprobe bttv into the rc.local for a while and perhaps we'll think of something in the days to come? Maybe someone else has some knowhow. Unfortunately, it seems that not so many people are into these tv cards. They're big in Europe, but this side of the Großer Teich, most just want their humungous television sets. Me, I like to see tv in a little window on my monitor and would like to use my hard drive as a video machine.

So, how is MythTV? I have perused the setup instructions some, but thought I'd let it mature a bit before I give it a try. I think it was up to 0.15 when I last looked. I would be fascinated to get it going, but dread the thought of yet another reason to sit at this screen for a whole week until 5 am. I keep saying that, but in the 20+ years of hobbying around with these machines, I have learned that even the dumbest little problem costs a gruelling, mind-wracking and sleepless week. Always! I just can't seem to get around it. But then it's 100% solved.

I don't think it could be Conexant. What is significant, I think, is that it is the bt878 chip. But I can't be positive, of course.

I had a difficulty when I first got my card going. I also have a webcam and the webcam would get discovered and loaded before the frame grabber. I had to manually remove the webcam modules to free video0,

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then load the ati frame grabber and let it become video0 and then reload the webcam to make it video1 (yes, I put this into rc.local for a while). It was a pain, but when we transitioned from the old modules.conf to modprobe.conf, it just resolved itself. Now, the bttv frame grabber is automatically video0 without me intervening. Do you have a webcam or some similar device that might be messing things up? Have you studied the boot output line by line to see if there are any errors somewhere or the system making guesses because of an ambiguity or misconfiguration somewhere? I don't think there was much in your modprobe.conf, just a sound card and the bttv, I think. Do you have any other devices that should be there that you're getting loaded just by luck? There must be a glitch somewhere. The bttv is supposed to be the best supported tv capture card for Linux.

Sorry I couldn't be of any further help, but keep posting your thoughts, suspicions, and results and maybe the background radiation of our thoughts will turn up something while we're not thinking.

Pete, er, uh... kwhiskers ;-)

On Apr 11, 2005 12:10 AM, Rahul Sundaram <sundaram@redhat.com> wrote:

> *John L. Pierce wrote:*

>

> *>kwhiskers, the card has worked flawlessly for about 1 month now, tvtime,*

> *>zapping, xawtv, and even recording live tv with mythtv.*

>>

> *>All of this since day I installed the card.*

>>

> *>I have no complaints with its operation, the problem has always been the*

> *>loading of the bttv module at boot time. If for any reason I have to*

> *>reboot the system I must manually modprobe bttv to load it.*

>>

>

> *The goal is of course to get it to work without manually fiddling with*

> *anything. Do file a bug report in bugzilla.redhat.com*

>

> *regards*

> *Rahul*

>

> --

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