

Re: GPS Unit for Timekeeping on Linux?

Source: <http://sci.tech-archive.net/Archive/sci.geo.satellite-nav/2004-11/1125.html>

From: W. Watson (wolf_tracks_at_invalid.inv)

Date: 11/18/04

Date: Thu, 18 Nov 2004 05:58:59 GMT

dold@XReXXGPSXU.usenet.us.com wrote:

> W. Watson <wolf_tracks_at_invalid.inv> wrote:

>

>>computers. However, the one in the house in Win XP. I'm not sure Linux and Win are
>>easy to network.

>

>

> I just did an "ntpdate" from redhat 9 to my WinXP system, so you ought to
> be able to set WinXP as the ntp server for your linux box. I had to play
> with the WinXP-SP2 firewall to get that to work.

>

> If you have a WinXP system, double-click the clock, and select internet
> time (a third tab on the clock setting page if you aren't in a domain).
> Select a reasonable time server. Earthlink doesn't seem to offer an ntp
> server. Sometimes the pop server or smtp server, or dns servers will
> respond to ntp requests, but not at Earthlink. ntp.exodus.net works.

>

> Windows gets the time about once a week. When you synchronize, it tells
> you when it is going to synchronize next. You could install ntp on the
> Windows box if that isn't good enough. Actually, I just looked at mine.
> It synchronized at 8:58, and is going to sync again at 9:58.

>

> Linux and Windows love each other ;-) I share files, and run VNCviewer so
> I can mirror either windows or unix consoles to the other machine.

>

Thanks, but how do I get RH Linux 9.0 to communicate with XP over the ethernet? The Linux machine does have a builtin ethernet card, but I've never tried to use it.

Maybe it'll detect it properly if I just plug in the cable? It could get trickier.

It's actually a realtime (RT) Linux built from RH 9.0 It took my about six months to figure out how to access my Zip drive and floppy drive! Fortunately, I didn't figure 24/7. Random persistence on my part finally got it working. I had to go back to the kernel build and specify some module that contained the right drivers. Maybe I'll get lucky by just plugging in the cable. I hope. If it works, then it would be good to be able to move files across the ethernet. If so, what's the technique, commands?

How do I go about installing ntp on Windows? Well, first things first. I'd like to figure out how to get the net running with both machines. Actually, I have a Linux

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machine and Windows machine in the same place, and the Win machine is on the net with the machine here in the den. I have the cable and hub to get to both the Linux and other Win machine. The Linux machine used to be a W2000 machine, and I had all three on the Win net.

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Wayne T. Watson (Watson Adventures, Prop., Nevada City, CA)
(121.015 Deg. W, 39.262 Deg. N) GMT-8 hr std. time)
Obz Site: 39° 15' 7" N, 121° 2' 32" W, 2700 feet
(Formerly Homo habilis, erectus, heidelbergensis and now sapiens)
"I'm not going to die. It would ruin my image."
-- Jack La Lanne, 90 year old early TV health
& exercise promoter
Web Page: <home.earthlink.net/~mtnviews>