

Re: GPS Unit for Timekeeping on Linux?

Source: <http://sci.tech-archive.net/Archive/sci.geo.satellite-nav/2004-11/1034.html>

From: W. Watson (*wolf_tracks_at_invalid.inv*)

Date: 11/17/04

Date: Wed, 17 Nov 2004 10:06:17 GMT

kashe@sonic.net wrote:

> *On Mon, 15 Nov 2004 11:08:33 GMT, "W. Watson"*

> *<wolf_tracks@invalid.inv> wrote:*

>

>

>>*I have a meteor application that operates a camera from sundown to sunrise, and the*
>>*more accurate the times the better. Right now the drift is in the order of several*
>>*minutes per month. Synching once a day might do the trick, but I'd like to see it*
>>*automated, so that I wouldn't have to dial up the internet. If the application were*
>>*near my most frequently used computer, the one in my house, I'd probably be inclined*
>>*to manually update the time by the network every day; however, it is a building 100*
>>*feet away and going out there every day is not something I think about much.*

>>

>>*I know there are manual techniques in Linux to refine the times, but I don't*
>>*presently have a lot of confidence in them. In particular, it appears if Linux goes*
>>*down unexpectedly, one gets to start all over with the refinement. My system seems to*
>>*crash about once every two weeks. I could be wrong about having to start almost from*
>>*scratch on the refinement. It's something I should explore.*

>

>

> *Depending on what OS you're running on the house system, you*
> *could get an NTP app which is capable of acting as both client and*
> *server. AboutTime is such an app for Windows. At that point, you could*
> *set up the remote Linux system with a wireless link to the house*
> *system. Set an appropriate interval for the house system to get the*
> *time from the net (as a client), then let it act as a server for the*
> *remote system's NTP app.*

That might be workable, since I do have an ethernet connection between the two computers. However, the one in the house in Win XP. I'm not sure Linux and Win are easy to network.

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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

sci.geo.satellite-nav: Re: GPS Unit for Timekeeping on Linux?

Web Page: <home.earthlink.net/~mtnviews>