

Forum:[Hack Forums](#)

Thread: [Logitech G15 ingame overclocking](#)

Meerkat.? - February 11, 2012, 1:48 pm

Hey HF!

I own a Logitech G15 keyboard, which has a nifty little LCD screen that can show ingame stats. Unfortunately not many new games support it.

Many people use LCDStudio to show actual PC information on the LCD screen. On my PC, every 10 minutes the app throws an error, that's why I decided to make my own.

Showing the info on-screen was easy once I found out how to send data to the LCD screen. I decided to take it 1 step further, ingame overclocking!

MSI afterburner had to run in the background anyways, why not use it to overclock!

Here's a video of the finished app:

[Video: <http://www.youtube.com/watch?v=WqNiPKy6pbl>]

You can download the source here:

<http://www.mediafire.com/?ir17gcfonjpc1b3>

NOTE: MSI AFTERBURNER HAS TO BE RUNNING OR THE APP WILL CRASH!

I've experienced some trouble with logitech's LCD manager too, if you don't see anything on the LCD screen, check out those settings.

iRtehLeet™ - February 11, 2012, 1:49 pm

I have my own G15 and this is awesome. I'll take a look. Thanks.

xDowwdeen - February 11, 2012, 1:52 pm

WOw that is amazing.

Shame I dont have a G15 keyboard. :(

-xDowwdeen

Meerkat.? - February 11, 2012, 1:57 pm

(Feb 11, 2012 02:49 PM)iRtehLeet™ Wrote: [\[CITE\]](#) I have my own G15 and this is awesome. I'll take a look. Thanks.Thanks!

(Feb 11, 2012 02:52 PM)xDowwdeen Wrote: [\[CITE\]](#) WOw that is amazing.

Shame I dont have a G15 keyboard. :(

-xDowwdeenIt's a shame logitech doesn't make these anymore. What do I do if mine breaks? It's really the most awesome keyboard ever, not only because it's got an LCD screen, but it's got illuminated keys and it's a dream to type on ?

(?°?°)?(???? - February 11, 2012, 1:58 pm

I don't have a G15, but this looks pretty awesome!

Meerkat.? - February 11, 2012, 2:17 pm

(Feb 11, 2012 02:58 PM)(?°°°)?(???? Wrote: [\[CITE\]](#) I don't have a G15, but this looks pretty awesome!

Thanks.

Does any of you have an idea of features I can add?

I'm always bored once I finish a project ?

Raf Simons - February 11, 2012, 3:43 pm

I have the Logitech G510, does it work for this one as well?

SIM-297877 - February 11, 2012, 3:44 pm

This is one of the coolest things i have seen made in VB.net soo far! I am going to have to dig out my old G15.

Percocet - February 11, 2012, 5:35 pm

Nifty, great job. I probably would have had a hard time doing that.

Meerkat.? - February 12, 2012, 7:16 am

(Feb 11, 2012 04:43 PM)Camilo543 Wrote: [\[CITE\]](#) I have the Logitech G510, does it work for this one as well?

I honestly have no idea, but I think it's able to send to other devices as well.

Try it, and see if it works :/

maype - February 12, 2012, 7:41 am

well it looks awsome but overclocking a processor is asctually not possible ? how do you calculate interval ?

Ingenuity - February 12, 2012, 7:59 am

Dammit dammit dammit I have a G19 and I'm pretty sure it won't work :(

no1me - February 12, 2012, 8:19 am

^^^from what i see in the src its easy to change it to

Meerkat.? - February 12, 2012, 8:57 am

(Feb 12, 2012 08:59 AM)Jack Eagles1 Wrote: [\[CITE\]](#) Dammit dammit dammit I have a G19 and I'm pretty sure it won't work :(

It's pretty easy to change it for a G19, although the whole menu will look fucked up because it's black & white only, and the G15's resolution is only 160x43. Replace things like "LGLCD_DEVICE_BW" with "LGLCD_DEVICE_QVGA" and it might even work. Perhaps it needs some additional work though.

(Feb 12, 2012 08:41 AM)Ogden Host Wrote: [\[CITE\]](#) well it looks awsome but overclocking a processor is asctually not possible ? how do you calculate interval ?

This app is for overclocking your GPU. Maybe I had to mention that in my topicstart...

For getting the GPU's temperature and clock speeds, MSI afterburner had to run in the background anyways. This app just connects to afterburner's shared memory to control the clock speeds.

By the way, CPU overclocking is perfectly possible using tools similar to MSI afterburner. It'd need more dll's and fiddling, so I decided not to put it into this app.

Raf Simons - February 12, 2012, 9:12 am

(Feb 12, 2012 08:16 AM)mavamaarten Wrote: [\[CITE\]](#) I honestly have no idea, but I think it's able to send to other devices as well.

Try it, and see if it works :/

Didn't work. I would have really liked something different for this keyboard.

Meerkat.? - February 12, 2012, 9:41 am

(Feb 12, 2012 10:12 AM)Camilo543 Wrote: [\[CITE\]](#) Didn't work. I would have really liked something different for this keyboard.

I have based the connection part of my code on some example I have found on the internet. It had support for G15 and G19 keyboards, but since I don't own a G19 I removed that code. If you google a bit you might find out the code, and fix my program so it works for your keyboard as well...?

nitrodesign - February 12, 2012, 1:16 pm

Yeah I have a G15 lets try it. Thx for this one.

maype - February 12, 2012, 1:29 pm

(Feb 12, 2012 09:57 AM)mavamaarten Wrote: [\[CITE\]](#) It's pretty easy to change it for a G19, although the whole menu will look fucked up because it's black & white only, and the G15's resolution is only 160x43. Replace things like "LGLCD_DEVICE_BW" with "LGLCD_DEVICE_QVGA" and it might even work. Perhaps it needs some additional work though.

This app is for overclocking your GPU. Maybe I had to mention that in my topicstart...
For getting the GPU's temperature and clock speeds, MSI afterburner had to run in the background anyways. This app just connects to afterburner's shared memory to control the clock speeds.
By the way, CPU overclocking is perfectly possible using tools similar to MSI afterburner. It'd need more dll's and fiddling, so I decided not to put it into this app.
Ohh okay, well good job keep it up ! in my opinion overclocking with tools isnt the best ...

Meerkat.? - February 13, 2012, 8:39 am

(Feb 12, 2012 02:29 PM)Ogden Host Wrote: [\[CITE\]](#) Ohh okay, well good job keep it up ! in my opinion overclocking with tools isnt the best ...

For CPU's, you're totally right. But I don't think you can overclock GPU's without the PC actually running on windows (or linux) because you need drivers to control the clock speeds.

th€ ??!f ?f ?all \$t?€€t - February 13, 2012, 9:08 am

is this possible with the g19? Thanks in advice

Meerkat.? - February 14, 2012, 8:17 am

(Feb 13, 2012 10:08 AM)nexxion Wrote: [\[CITE\]](#) is this possible with the g19? Thanks in adviceIt's possible, although I don't own a G19 so I removed the code from my project. It's possible to realise the same thing though, using some minor changes to the code (the .dll I use supports both the G15 and G19, possibly other Logitech LCD keyboards as well). I hope this helped ?

th€ ??!f ?f ?all \$t?€€t - February 14, 2012, 10:37 am

(Feb 14, 2012 09:17 AM)mavamaarten Wrote: [\[CITE\]](#) It's possible, although I don't own a G19 so I removed the code from my project. It's possible to realise the same thing though, using some minor changes to the code (the .dll I use supports both the G15 and G19, possibly other Logitech LCD keyboards as well). I hope this helped ?

Im current working on the g19 version , Credits to u :) (btw ben je nederlands?)

Meerkat.? - February 14, 2012, 11:51 am

(Feb 14, 2012 11:37 AM)nexxion Wrote: [\[CITE\]](#) Im current working on the g19 version , Credits to u :) (btw ben je nederlands?)Nice, I hope it's working for you... I feel kind of stupid removing the G19 code... I didn't expect so many people would try it out... (en ja ?)

CPAManager - *May 28, 2012, 3:57 am*

I have a G19 keyboard, i really love it. And this is a nice app aswell! ;D

JustinH - *May 28, 2012, 4:10 am*

Looks nice bo.

Thank you for release.

-JustinH.