Quick Links

Forum Actions

Technical Support & Questions f Forum Main Category

Teensy 2.0 USB Keyboard+Mouse in C?

New Posts FAQ Calendar Community

Forum Rule: Always post complete source code & details to reproduce any

If this is your first visit, be sure to check out the FAQ by clicking the link above. You may have to register before you can post: click the register link above to proceed. To start viewing messages, select the forum that you want to visit from the selection below.

Results 1 to 3 of 3

Thread: Teensy 2.0 USB Keyboard+Mouse in C?

	Thread Tools Search Thread Display
07-28-2016, 11:58 PM	#.
Junior Member Join Date: Jul 2016 Posts: 2	Teensy 2.0 USB Keyboard+Mouse in C?
	Hello, this is likely a duplicate post but I've just spent the last couple hours searching with no luck.
	I'm trying to work the usb_keyboard, usb_mouse, and uar examples into one so that when I plug the teensy in, two devices appear and I can control both over serial from another machine. So far I've gotten the mouse and uart projects merged and can control those just fine. But natrually the mouse/kbd projects don't merge nicely as there is a lot of duplicate code and some conflicts that are unclear (to me) how to sort out. In particular, I don't know enough about USB yet to know how to modify the static data to specify multiple endpoints etc.
	This looks a lot simpler with the teensyduino path but I'm trying to do this using straight C. Is there an example out there somewhere that does mouse+keyboard at the same time for Teensy 2.0? If not, where is the best place to go to learn about how I might understand the USB stuff so that I know what changes are needed? Or if this is answered already can someone please post a link to the other threads?
	Patrick
	Reply With Quot
08-05-2016, 12:10 PM	#
PaulStoffregen	Originally Posted by pmcmorris

叹 Originally Posted by pmcmorris ந

Is there an example out there somewhere that does mouse+keyboard at the same time for Teensy 2.0?

Senior Member



Join Date: Posts:

Nov 2012 23,097

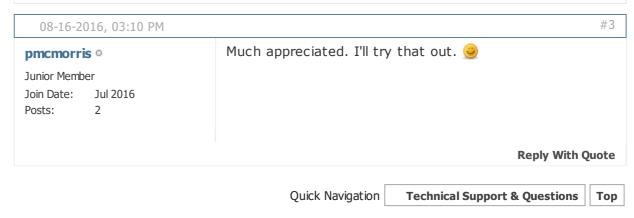
Yes, it's build into Teensyduino.

Even if you never intend to really use Arduino, at the very least give it a quick try. Look at the examples in File > Examples > Teensy > USB_Keyboard and USB_Mouse.

The actual USB code can be found in hardware/teensy/avr/cores/usb_hid. If using a Mac, control-click Ardiuno and "Show Package Contents" to access the folders inside Arduino. You'll see it's a newer version of those old C-only examples. The low-level USB code answers you seek are there in those files.

But before you dig into all that, why not just quickly run some of those Arduino examples. It's so incredibly easy. Even if you never use Arduino again, having a working sample for comparison might really help?

Reply With Quote



« Previous Thread | Next Thread »





PJRC Electronic Projects Archive Top

All times are GMT. The time now is 07:57 PM.

Powered by vBulletin® Version 4.2.2 Copyright © 2020 vBulletin Solutions, Inc. All rights reserved.