

Re: GPIB 'Multidevice' API timeout

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- *From:* joseph2k <quiettechblue@xxxxxxxxx>
 - *Date:* Fri, 09 Mar 2007 12:43:18 GMT
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Nitro wrote:

On Mon, 05 Mar 2007 11:48:42 GMT, joseph2k wrote:

PaulH wrote:

I'm using the GPIB 'multidevice' API for a project, but I find that the default command timeout is much too long to wait. Typically, using the 'traditional' API, I would set the timeout using the `ibdev()` command when I first initialize the GPIB device. But, since I'm using this 'multidevice' API, that isn't an option. Does anybody know a GPIB command other than `ibdev()` that sets the bus timeout?

Thanks,
PaulH

Unless i mistaken that is a driver function, not a proper bus property. But it has been 20 years, do you have a current ieee-488 spec you can lend me?

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JosephKK
Gegen dummheit kämpfen die Gotter Selbst, vergebens.Â Â
--Schiller

Hi, Just adding my concurrence. `ibtimo()` and `ibdev()` are typically National

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Instruments driver API calls. `ibtimo()` is used for an open device using an existing device handle. (`ibdev()` is to open a device and you can set the initial values.)

Remember the timeout value is an index not the actual timeout. They have defines for the times (T10, T30 etc).

What is the underlying driver that the 'multidevice API' is using?

Bart

Competitors APIs tended to be similar (a while ago, when i was fully in the game). I guess that it may be some kind of extension of the concept and bus command GET (Group Execute Trigger) intended to allow several instruments to acquire simultaneously. (in a sense a sloppy borrow from camac)

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JosephKK

Gegen Dummheit kämpfen die Götter Selbst, vergebens.

—Schiller

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