
IEEE 1394 Power Management Study Group Meeting Lahaina, Maui, Hawaii 10/12/98

Note: These minutes are the work of Steve Bard from Intel (steve.bard@intel.com). A list of meeting attendees is on the last page of these minutes.

Convened: 9:45 AM

Chair: John Fuller (<mailto:jfuller@microsoft.com>)

reflector: pmonger@zayante.com

ftp repository: <ftp.zayante.com/ftp/pub/p1394b/pmonger>

Summary

Introductions

Sign-up sheet distributed

New Drawing (rev. 3) displayed

Discussion ensued...

John stated that he has given thought to "power budget management" across bridges and has come to the conclusion that it is not well understood sufficient to resolve the issues. Therefore, John called for a motion to come from the floor to remove "power budget management" from "scope".

Steve Bard initiated a conversation in which he stated "power budget management" be within scope, however, it be limited to the local bus.

David Wooten stated a position that it should be allowed across bridges for the reason one bus may not have an intelligent enough 1394 device to do "power budget management", however, it may be connected to a bus (through a bridge) which contains a 1394 system that does have the capability to perform "power budget management" and, when it is, it would be "goodness" to allow that power manager to manage the power budgeting across the bridge.

David suggested (after we all wondered down a path that I have no idea how we wondered off on) that a device might want to be able to know who its power policy owner is so as to avoid several levels of indirection when someone wants to use the device and finds it in a power state other than full-on.

Coming back to the initial question, John sensed no sentiment from the group to remove "power budget management" from within scope, therefore, for the lack of a motion, "power budget management" is still within scope.

After some discussion, it was determined that any device which requires power in addition to that beyond what it receives from a link on shall be its own power policy owner. Any non-cable powered device is its own power policy owner.

A device which is its own power policy owner and is a 1394 cable powered device must receive affirmative acknowledgement from the "power budget manager" prior to enabling power consumption for any of its units. If no "power budget manager" exists, then the device may enable unit power consumption - caveat emptor!

Adjourned: 11:35 AM

**IEEE 1394 Power Management Study Group
ATTENDANCE LIST: 8th December 1998, Monterey, California**

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