

Request #: HUTRR31  
 Title: Addition of a background events application collection  
 Spec Release:  
 Received: August 3, 2007  
 Requester: Nathan C. Sherman  
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 CurrentStatus: Adopted, September 10, 2007  
 Priority: Normal  
 Submitted: August 3, 2007  
 Posted: August 17, 2007  
 Voting Starts: September 1, 2007  
 Voting Ends: September 8, 2007  
 Required Voter: Nathan C. Sherman [nathans@microsoft.com] (chair)  
 Required Voter: Calai Bhoopathi [CalaiB@scmmicro.com]  
 Required Voter: McGowan, Steve [steve.mcgowan@intel.com]  
 Required Voter: Mark Lavelle [Mark\_Lavelle@logitech.com]  
 Required Voter: Dan Ellis [dellis@displaylink.com]  
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Summary:  
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We propose the addition of a collection usage to the Generic Device Controls page for controls that do not imply user presence when they change.

Background:  
 The current Consumer Page Remote Control usage is used to report status of a variety of controls and states such as media transport, application launch buttons, A collection is needed for device events that may occur when a user is not present. This will assist the host in separating events that imply user presence from This separation permits the host to respond to such events but not be required to do things such as change monitor power states or wake screen savers, etc.

Proposal:  
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Add the following usage to the Generic Device Controls Page (0x06).

0x01 Background ControlsCA

New text bekiw Table 11:

NonUser Controls: CA - Collection of controls that do not imply user presence. These controls will still wake a suspended by canceling screen savers or other similar activities.

Notes on Approval Procedure:  
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HID WG On Line Voting Procedures

1. Votes are on a per company basis.
2. Each Review Request shall have attached a Required Voter List that is the result of recruiting by the HID Chair and submitter of members of the USB IF. Required Voter List must include the HID Chair plus 2 companies (other than the submitter) plus any others designated by the HID Chair at the Chair's discretion. The Required Voter List ensures that a quorum is available to approve the Request.
3. Impose a 7-calendar-day posting time limit for new Review Requests. HID Chair or designate must post the RR within 7 calendar days. HID Chair or designate must work with the submitter to make sure the request is valid prior to posting. Valid review request must include all fields marked as required in the template. A new template will be adopted that requires at least the following fields: Change Text, Required Voter List, Review Period End Date and Voting End Date, Submittal Date, Submitter, Review Request Title and RR Number.
4. If a RR approval process stalls, the HID Chair may call a face-to-face meeting or conference call to decide the issue. Submitter may request that this take place.
5. Impose a minimum 15-calendar-day review period on a posted RR prior to the voting period. At HID Chair discretion, changes to the RR may require this review period to restart.
6. The Chair will accept votes via documentable means such as mail or e-mail during the 7 calendar days after the close of the review period. If a Required Voter does not vote during the period, then there is no quorum and the Chair may pursue the absent required voter and extend the voting period. The Chair may designate a substitute for the absent voter and extend the voting period if necessary.