

HUTRR30.txt

Request #: HUTRR30
Title: Addition of usages related to touch digitizers
Spec Release:
Received:
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CurrentStatus:
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Voting Starts: 8/10/06
Voting Ends: 8/17/06
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Summary:

We would like to propose adding 3 usages to the HID spec to better support touch digitizers. Today there are devices that support additional information about touch contacts, such as the height and width of the contact, or combination pen/touch devices that report additional information to assist with accidental touch rejection (palm rejection).

Background:

Proposal:

All changes are localized to Chapter 16 Digitizers (0x0D).

New usages that need to be added to table 18: digitizer page

47	Touch Valid	MC	16.5
48	Width	DV	16.5
49	Height	DV	16.5

New section referenced by the above usages:

Section 16.5 Touch Digitizer Usages

Touch Valid MC - Indicates the device's confidence that the touch contact was an intended, valid contact. The device should report 0 if the contact is not a valid touch. The device should report 1 if the contact is intended and valid (e.g. a "pointing" touch).

Width DV - The width of a touch contact. Height and width of contact are assumed to be centered about the reported x and y values. Units are assumed to match x's units.

Height DV - The height of a touch contact. Height and width of contact are assumed to be centered about the reported x and y values. Units are assumed to match y's units.

Notes on Approval Procedure:

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.