

Expression of interest in participating in the Workshop

W3C Web and TV workshop, 8-9 February 2011, Berlin, Germany

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Participant's interest

Sony believes that HTML5 and the other web technologies will enable richer media presentation and user interaction of consumer electronics devices to offer various types of network application and service to consumers. Sony is interesting in enhancements for smarter integrations of the Web technologies into the TV and non-PC devices.

At the first Web on TV workshop in Tokyo, Sony has made the proposal about the “Networked Device connection API” which enables Web applications to interact with home IP networked devices directly. (See the slide set: http://www.w3.org/2010/09/web-on-tv/slides/W3C-Web_Applications_interact_with_Home_Networked_Devices.pdf). Though this proposal focused on the role of TV as the central media hub in the home network, the generic API could be useful not only for the case that an web application on TV devices controls a home IP networked device, e.g. DVR, but also for the case that an web application on mobile devices controls the TV device, e.g. changing TV channel.

In addition to the proposal, Sony would like to contribute to the discussion on the global open standard technology for video content distribution to TV and non-PC devices.

Point of View

The following are the topics which should be standardized in the W3C.

- 1) Networked Device Connection API (Local IP network discovery for remote control/remote UI)
- 2) Enhancement to the video support for Internet streaming (HTTP adaptive streaming and DRM framework)
- 3) TV API for controlling broadcast services (e.g. channel change)