Expression of interest in participating in the Workshop

W3C Web on TV workshop, 2-3 September 2010, Tokyo, Japan

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Participant's interest

In Japan, the digital broadcasting service started in 2000 and TV has been used not just for watching TV programs but also retrieving various information and entertaining bi-directional/interactive TV programs. In few years, Internet connectivity tends to be a key feature of TV to access various web services, such as on-line video services. It is expected that TV will provide consumers with richer user experience and higher added values of entertainment and information services in the era of the convergence between broadcast and broadband communication.

Meanwhile, TV is casting a role as the central media hub which controls home networked devices. For example, the DLNA digital media player on TV enables consumers to watch video and photo stored on PC via the home IP network.

From the aspects of TV, Sony is interesting in that TV enhanced by the HTML5 web technologies will be a central hub which provides new types of web applications/services realized by the interaction between web applications and home networked devices.

Point of View

The following are some examples of use cases using the HTML5 browser on TV.

1) A user accesses to an EPG service and requests scheduled recording for a recommended TV program to the networked Blu-ray Disc Recorder.

2) A user accesses to an on-line shopping service and prints a copy of the receipt of the purchased item with the networked printer.

3) A user accesses to a cooking guide service and sends a recipe of her favorite cake to the networked oven range.

To realize such use cases, Sony thinks that the standard “Networked Device Connection API” is necessary. The API should provide the device discovery and generic message exchange functionality over the home IP network.

Note: DLNA: Digital Living Network Alliance, http://www.dlna.org/