

Expression of Interest in Participating in the workshop

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Participant's interest

Because KT is planing to adopt Web-based TV as a next generation IPTV, we are specially interested on the standardization of IPTV extension.

Despite HTML5 supports several media empowered features, it was not powerful enough to integrate Web-based IPTV.

We have studied on OIPF(Open IPTV Forum) specifications and other industrial examples and will deliver the pilot system of Web-based IPTV at the end of this year.

So, we want to contribute our experience on this filed to standardize IPTV extension and W3C Global standardization of IPTV extension should be driven not to use resources wastefully.

Our main focuses on standardization are as following: STB Configuration, Player, Contents download, metadata, PVR control, remote management, DRM, Parental Control, Application management, etc.

Viewpoint/Suggestion

KT believes that application based web will be mainstreamed in IPTV domain. So Web enabled devices is important standardization sector. As I know, W3C try to standardize the DAP, but standardization is limited to PC and mobile phone. So KT want to contribute to the standardize the DAP such as CAS, Service information, EPG, Menu navigation, and etc.

And KT has studied for long time about OIPF and LIME(Lightweight interactive multimedia environment :ITU-T H.762) and deep knowledge of TV APIs as result of research. To develop TV service web based middleware, lots of APIs are needed newly.

These are summarized briefly as follows

- TV application management
- Content download
- Content purchase

- Channel Navigation and EPG
- Model/Based UI/UX
- 3D Graphic
- etc

KT can make a contribution to standardize those APIs and make requirements for extensions to the existing standards.