MediaTimedEvents in Hybridcast

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Media & Entertainment Interest Group

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New APIs for Hybridcast-Connect

1. MediaAvailabilityAPI

Check availability of Terrestrial/Satellite tuner on a TV set

2. ChannelsInfoAPI

Get list of channel information and tuning parameters

3. StartAITAPI(tuneAPI)

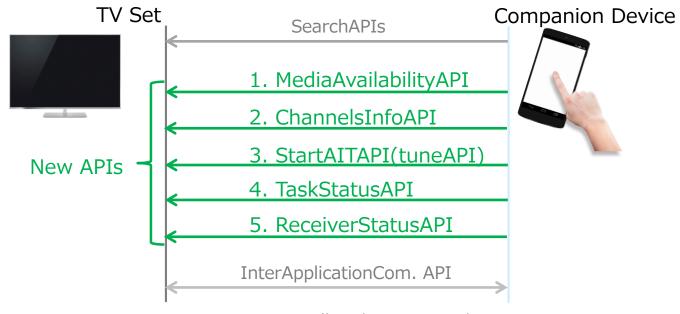
Changes channel of a TV set and launches Hybridcast app(HTML) on the TV set

4. TaskStatusAPI

Get status of startAITAPI request

5. ReceiverStatusAPI

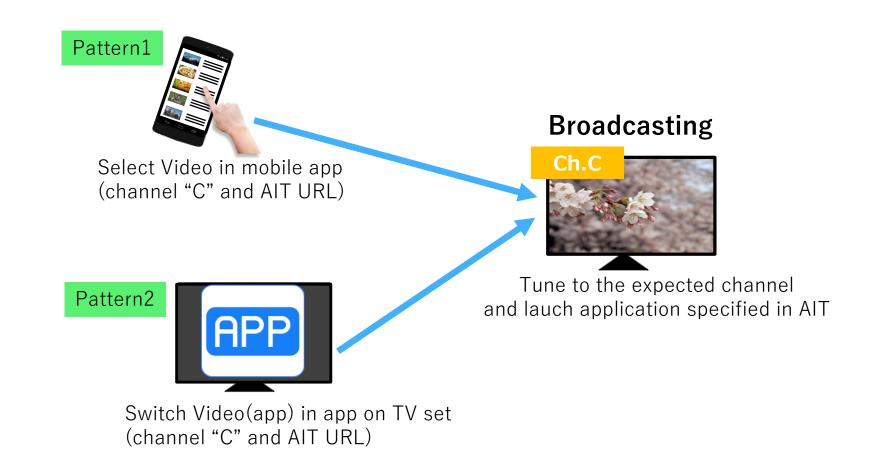
Get status of HTML5 browser, the number of communicating apps on companion devices, and current channel





Service Patterns with Hybridcast Connect

- → Broadcasters in Japan need trigger message to switch to broadcasting
 - Pattern1: mobile app to broadcasting on TV
 - Pattern2: another app in TV to broadcasting

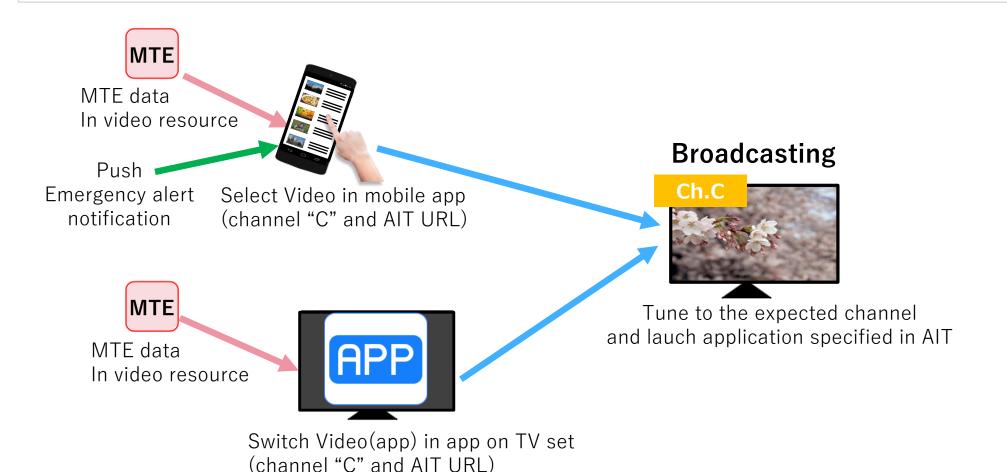


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Media Timed Events with Hybridcast-Connect

- → Broadcasters in Japan are interested in Media Timed Events
 - Apps without broadcasting resources have no message to trigger to switch video from internet to broadcasting



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Usecases of Media Timed Events

- Switch broadcasting service from OTT services triggerd by emergency-warning-message
- Superimpose time-dependent metadata, e.g. weather icon, event info
- New style of Ad insertion on broadcasting service

MediaTimedEvents(timed metadata) play a role to control application/service on TV sets



MediaTimedEvents demos

- Demo implementations
 - Usecase(1)
 - → Switch live news program on broadcasting service from OTT service by emergency-warning message
 - In-band pattern
 - Usecase(2)
 - Superimpose weather icon on the internet video
 - In-band pattern



Thank you very much

Demos have been in this room