ITU Workshop on Digital Signage

# Extension of Web's Role and Web Standard

December 12th, 2011 Kanagawa Institute of Technology University Professor, Keio University Professor W3C/Keio Site Manager Masao ISSHIKI



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### World Wide Web Consortium

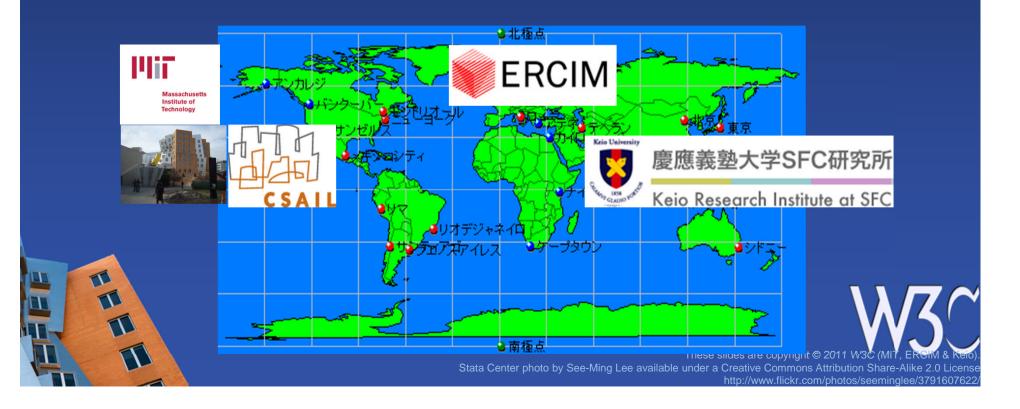
- An international community where Member organizations, a full-time staff, and the public work together to develop Web standards.
- More than 300 member organizations
   http://www.w3.org/Consortium/Member/List
- Our mission is to lead the Web to its full potential.





#### One of 3 hosts held in Asia

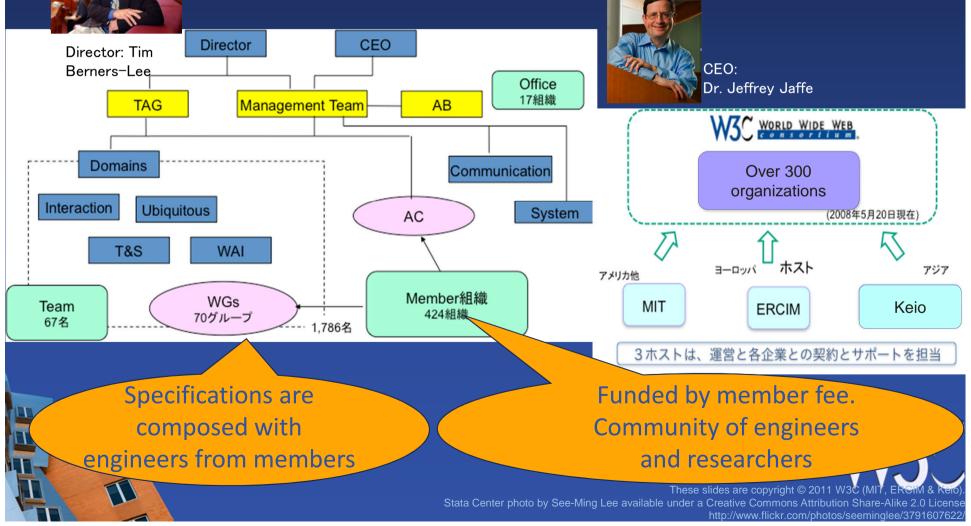
- 3 hosts are
  - MIT CSAIL
  - ERCIM
  - Keio Research Institute at SFC



# **Organization Chart of W3C**

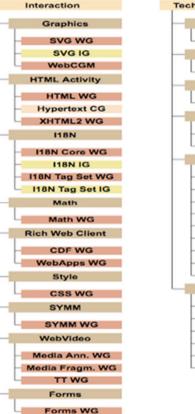


W3C is a private community funded by member fee, and independent from specified enterprises and nations.



### Various kinds of specifications are standardized at W3C

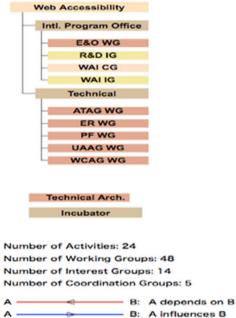
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T

nnology & Society
eGov
eGov IG
Patent Policy
PP IG
Privacy
PLING IG
Security Activity
WSC WG
XML SEC WG
Semantic Web
GRDDL WG
OWL WG
POWDER WG
RDF DA WG
RIF WG
SWCG
SWD WG
SW HCLS IG
SW IG
Web Services
WS CG
SOAP-JMS
Choreogr. WG
WS Policy
Databinding WG
XML Protocol WG

Ubiquitous Web	
MWI	
MW BP WG	
DD WG	
TS WG	
MW for Social D.	
Multimodal Int.	
MM Int. WG	
UbiWeb Appl.	
Geolocation WG	
UblWeb Appl. WG	
Voice Browser	
Voice Browser WG	
XML	
EXIWG	
XSL WG	
- SML WG	
- XML CG	
Core WG	
Plenary IG	
Processing WG	
Query WG	
Schema IG	
Schema WG	

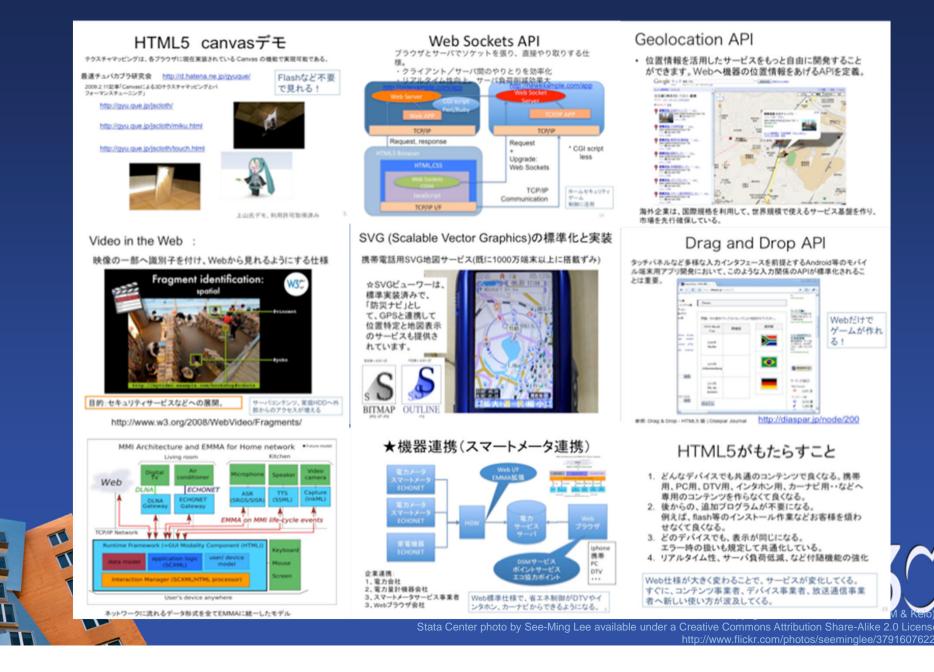


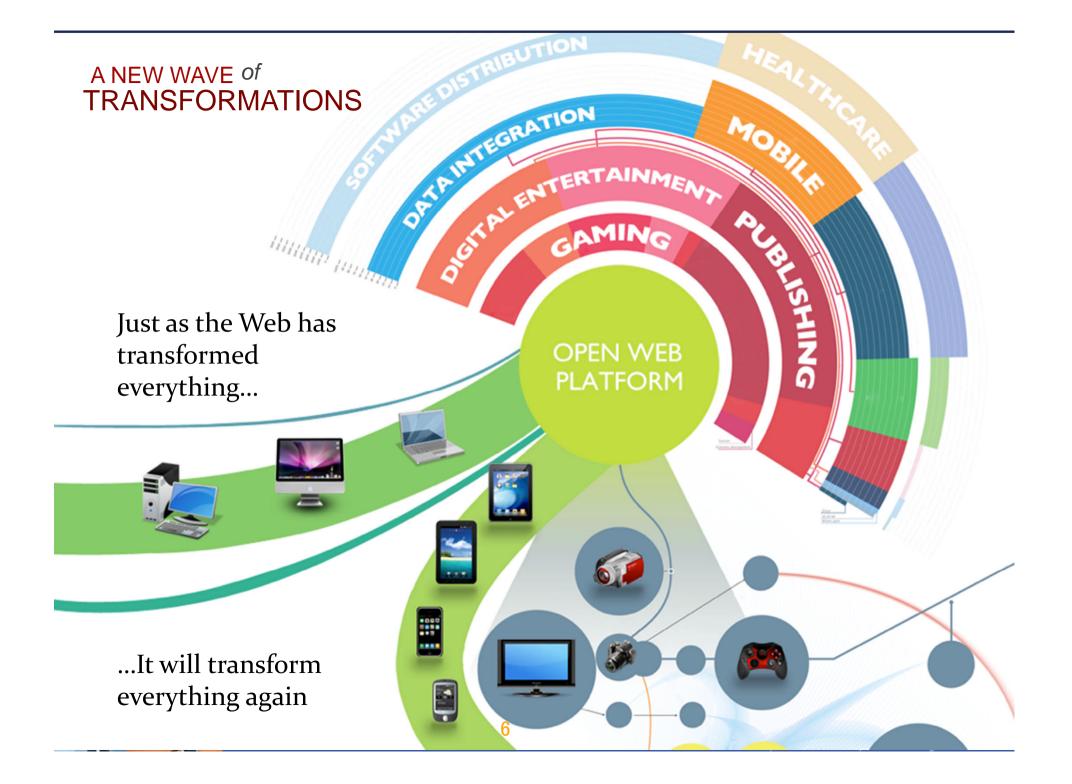
# There are more than 70 working groups.



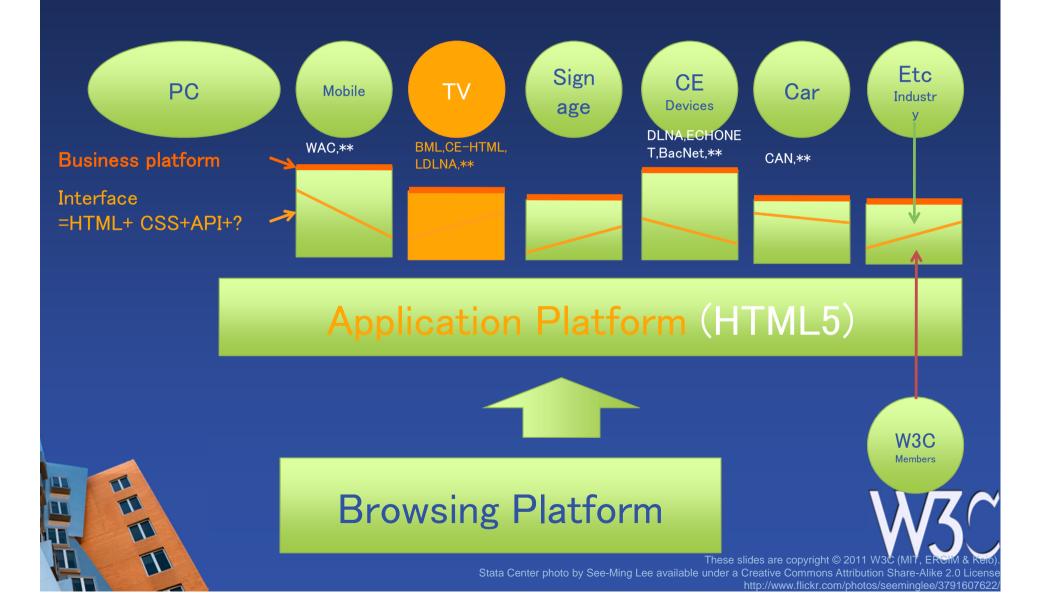
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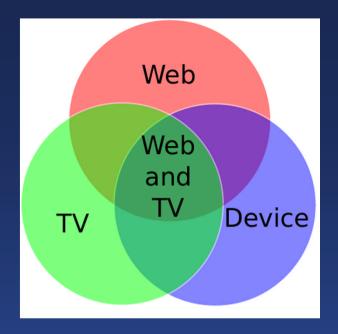
#### W3C standardizing works (HTML5 etc.)





#### From Web Application Platform to "Business Platform"





# Web and TV Interest Group

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150 attendees discussed to decide establish Interest Group



#### Web and TV Interest Group

- Charter is available.
- http://www.w3.org/2010/09/webTVIGcharter.html



#### Web and TV Interest Group Charter

The **mission** of the <u>Web and TV Interest Group</u>, part of the <u>Web and TV Activity</u>, is to provide a forum for Web and TV technical discussions, to review existing work, as well as the relationship between services on the Web and TV services, and to identify requirements and potential solutions to ensure that the Web will function well with TV.

#### Join the Web and TV Interest Group.

End date	30 November 2012
Confidentiality	Proceedings are Public.
Initial Chairs	<ul> <li>FUNAHASHI Yosuke - Tomo-Digi</li> <li>KAWAMORI Masahito - NTT</li> <li>Giuseppe PASCALE - Opera Software</li> <li>HyeonJae Lee - LG Electronics</li> </ul>
Initial Team Contacts (FTE %: 20)	Kazuyuki Ashimura, François Daoust
Usual Meeting Schedule	Teleconferences: Teleconferences may be held as necessary Face-to-face: As necessary up to 3 per year



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# Latest Workshop held in Hollywood on Sep. 2011

- Contents providers attended
- Discussion Topics
  - Use case of multi-screen over home network
  - metadata synchronizing
  - Contents format and codec
  - Digital Rights management
- see: http://www.w3.org/2011/09/webtv/ summary.html

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#### Web based Signage (New area)

New Device and Usage Areas! Already existed big market are there! There are just facing to change to the Web based Signage (3<sup>rd</sup> generation).

#### **Digital Signage**

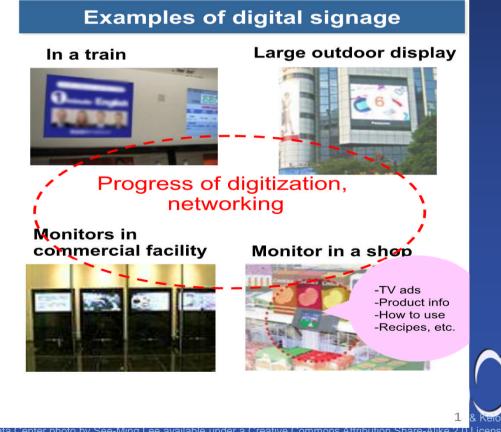
 Digital signage: transmission of information using electronic display equipment outdoors, in shops, on public transport, etc.; not in homes.\*

 Being placed optimally for the target audience, the signs are more effective than mass-media ads on TV or in newspapers, which target the unspecified majority.

 OOH: Out-Of-Home media
 (e.g., signs in commercial facilities and shops).

OOH covers a wider range of media, including digital signage.

\* Adapted from "Digital Signage Consortium" website http://www.digital-signage.jp/



#### Thank you! masao@w3.org



