

WoT Japanese CG

Tomoaki Mizushima Internet Research Institute, Inc.

26 October 2021

W3C Web of Things (WoT) WG/IG

Web of Things (WoT)

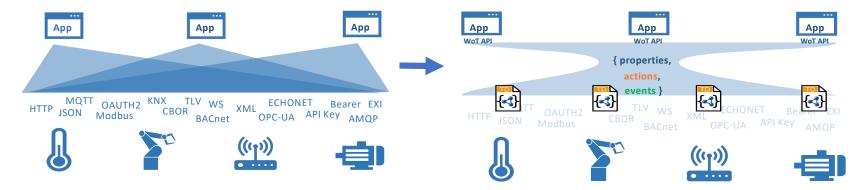


- ✓ Problem of "IoT silos"
 - ✓ Developers have hard time to integrate various subsystems



W3C WoT is standardization for interconnecting various IoT platforms using Web technologies.

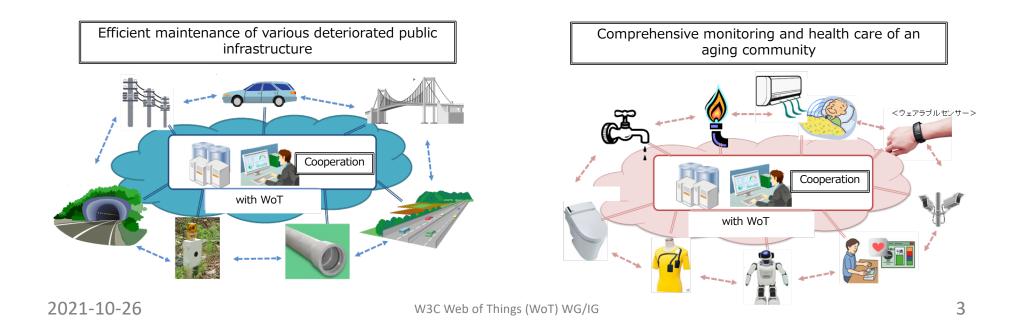






Our expectation for the future society using WoT

- ✓ WoT as a solution to improve the situation
 - ✓ Social services, e.g., public infrastructure and health care





WoT-JP CG – Accelerate WoT Deployment

W3C WoT-JP CG

https://www.w3.org/community/wot-jp/

Chairs

Tomoaki Mizushima (Internet Research Institute, Inc.) Kunihiko Toumura (Hitachi, Ltd.)

Use Cases Task Force

Moderator:

Tomoaki Mizushima
(Internet Research Institute)

Objectives:

 Discover industrial Use Cases

https://github.com/w3c/wot-jp-cg/tree/main/TF/Usecases

Outreach Task Force

Moderator:

Daisuke Ajitomi (Toshiba)

Objectives:

 To promote WoT deployment with SDOs, Companies, Communities, etc.

https://github.com/w3c/wot-jp-cg/tree/main/TF/Outreach

Deployment Task Force

Moderator:

Kunihiko Toumura (Hitachi)

Objectives:

 To Create Libraries, Tools, Documentations for development.

https://github.com/w3c/wot-jp-cg/tree/main/TF/Deployment

Translation Task Force

Moderator:

Kazuyuki Ashimura (W3C/Keio)

Objectives:

- English to Japanese
- Japanese to English

https://github.com/w3c/wot-jp-cg/tree/main/TF/Translation

Relationship with WoT-WG/IG



[W3C WoT-JP CG]

Accelerate WoT deployment in Japan

Use Cases
Discover industry Use Cases

Outreach

Promote WoT deployment with SDOs, Companies, Communities, etc.

Deployment Support for developers, e.g., documentations, tools, libraries

Translation

- English to Japanese
- Japanese to English

Cooperation

- Information Exchanges
- Various proposals
- Communication Supports



[W3C WoT WG/IG]

Standardization of WoT Technology

- Creating W3C specifications
 - Task Force
 - Thing Description
 - Architecture
 - Use Cases
 - Scripting
 - etc.
- Publication and Update
 W3C Specifications
- PlugFest and Testing

5



Thank you!

W3C WoT Japanese CG

https://www.w3.org/community/wot-jp/

Chairs

Tomoaki Mizushima (Internet Research Institute, Inc.)

Kunihiko Toumura (Hitachi, Ltd.)

group-wot-jp-chairs@w3.org