Thank you

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Web Of Things

MiniApps

Immersive Web

Private Advertising

Neural Network API

Security and the Web

Web Authentication

Some learnings along the way

Web User agents

Vision of the W3C

Making the Web Platform Solid, Open, Interoperable - 2006 to 2019

Inventing the Web Platform - 1995 to 2005

World Wide Web Consortium

Who am I?

Credential Management (FedID CG)

Digital Education Credentials in Uganda, Nigeria, Kenya

Microsoft Azure (Microsoft Entra Verified ID)

Digital Age Verification

European Digital Wallet

forum for technical and business discussions related to those services

enable easy integration across IoT platforms and application domains

interact with device capabilities

Specifications:

help bring high-performance Virtual Reality (VR) and Augmented Reality (AR)

Privacy: operating without a user's knowledge/consent, scraping personal

loan approval

graph across multiple devices including the Apple Neural Engine

Hardware-agnostic abstraction layer for NN inference

multi-party computation (MPC) vs trusted execution environments (TEEs)

attribution and reporting using private computation

W3C is about to launch the Working Group

Privacy-Enhancing Technologies (PETs): address advertising use cases while

meeting privacy guarantees.

Passwords are unsecure

Web Authentication: enable public key-based credentials to authenticate users

Challenge: the Web runs arbitrary and untrusted code

Profiling the Web for your own purposes will

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Around 300 technical Web standards (~80 data

Director until June 12, 2023

Director until June 12, 2023

Who am I?

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Cross-learning needed

Automotive ecosystem is evolving

Smart Phones, Smart TVs, Smart Watches, VR headsets

—- improve the Web’s fundamental integrity, while continuing to

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There is

Federated

DID/VC

DID:

ongoing: Status List, JWT, Schema, Data Integrity

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moving the

moving the

W3C VC/VP, OpenID Connect

W3C VC/VP, OpenID Connect

—- use powerful features, similar to platform features (usually an API)

uproblems, interact with browser permissions, representing user’s choices

developers may enable and disable features

Enable automotive use-cases and requirements that can be leveraged by

Move safely, securely, reliably, comfortably, timely, …

Be smart

Tracing, Web Of Things

Various rings

Abuse/Spam

used by powerful features, such as platform features (usually an API)

Addressing

Lifecycle

Packaging

Device independence principles

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VSS version 2-Transport: HTTPS, Web Socket, MQTT
- COVESA goals: Enable a platform for data and APIs for the entire Auto industry
- W3C goals: Enable automotive use-cases and requirements that can be leveraged by multiple industries

https://w3.org/2023/10/web-automotive