

**HTML**



# W3C and Cloud Standardisation

*w3.org*

*html5apps-project.eu*

March 2014

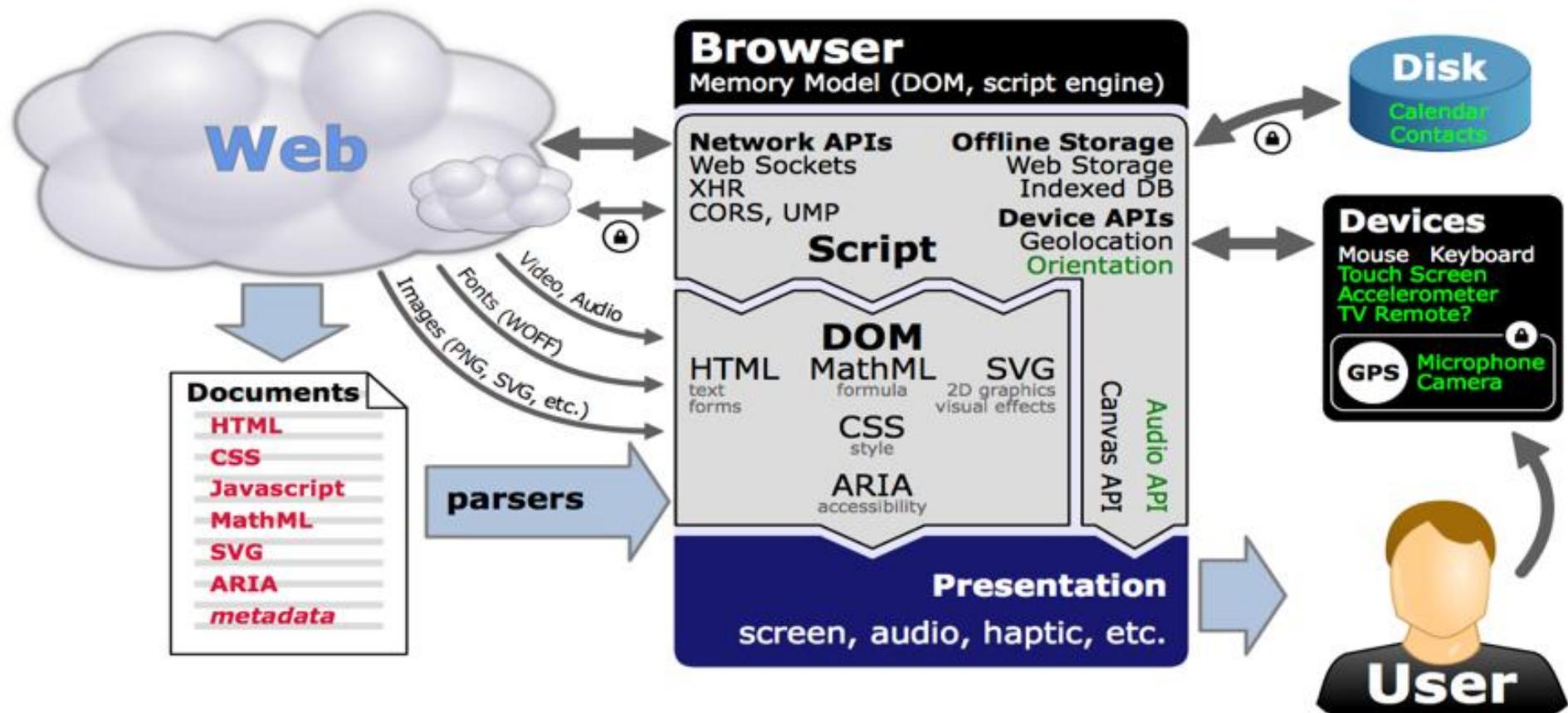
Dr. Daniel Dardailier - W3C

# World Wide Web Consortium

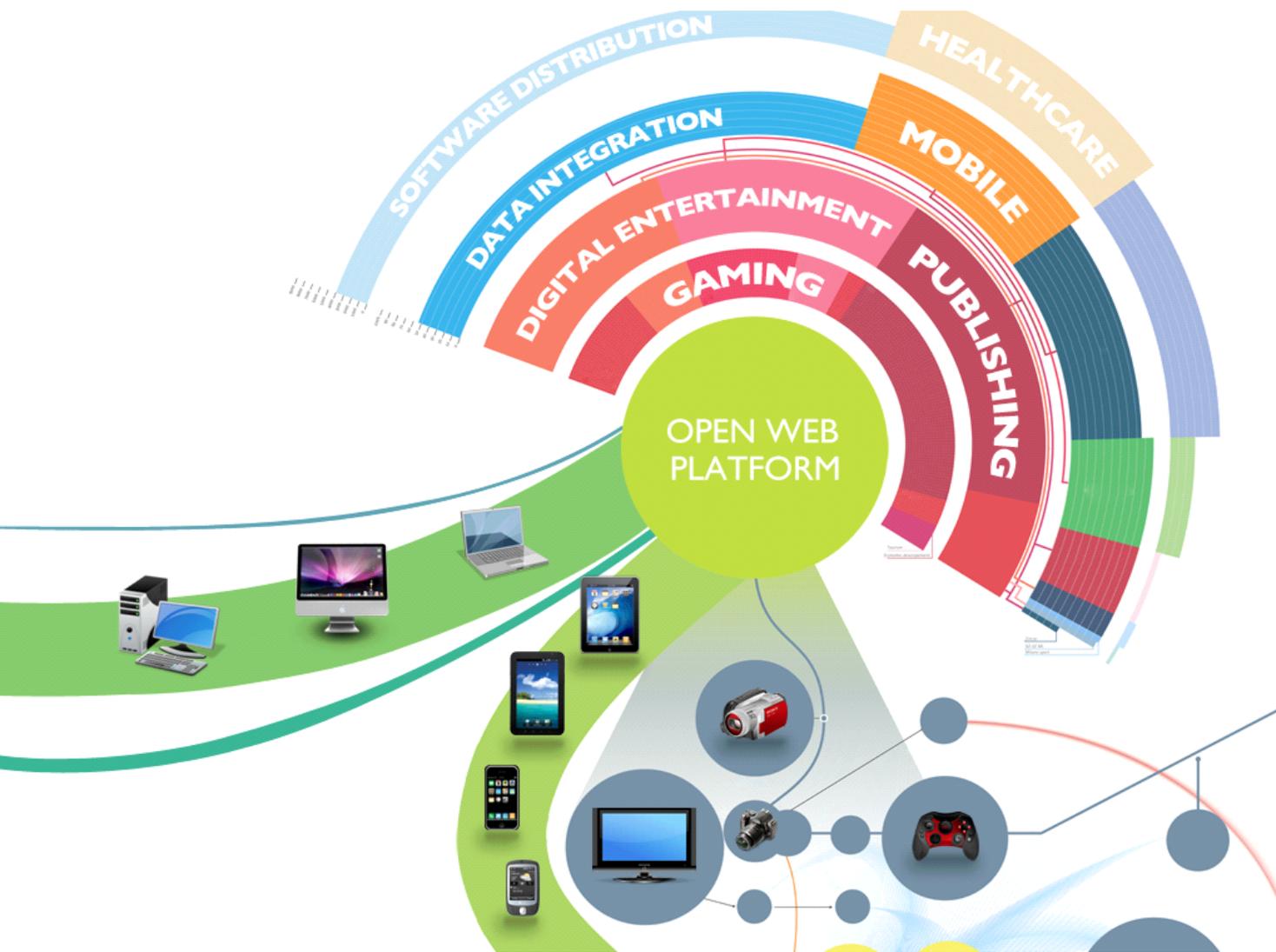


- Universality
- Founded by Tim Berners-Lee in 1994
- W3C Standards: HTML, CSS, XML, WAI, RDF, ...
- About 80 staff, 4 hosts, 40% Europe

# The Open Web Platform



# The Open Web Platform



# Web and Cloud

- ❑ Cloud as a specialized application of the Web
  - use URIs, HTTP, Linked Data, XML, Web Services, etc. *No need for new Web Standards*
- ❑ Web apps as generic consumer of Cloud services
  - MobileApps with limited storage, Data-intensive geomap apps, etc.  
*Some pre-standardization work started*

# Web and Cloud go together

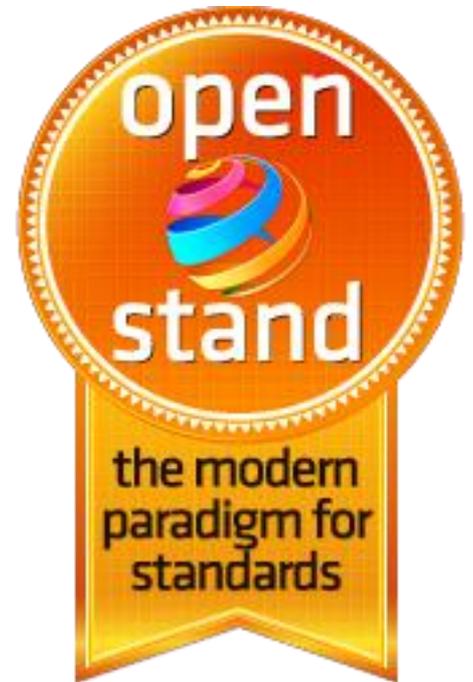
- ❑ Open Web Platform impacts cloud requirements
  - ❑ *PaaS and SaaS live in the Web*
  - ❑ *Web is the entry points for consumers*
  - ❑ *Web is the Business platform for industry*
  - ❑ *Similar horizontal issues: Security, Privacy, Scalability, etc*
- ❑ Lessons from Web standardization
  - ❑ *Royalty-free standards and cohesive architectures are the keys to interoperability and a thriving ecosystem*
  - ❑ *The cloud can expand more rapidly than its current pace*

# Built on open standards

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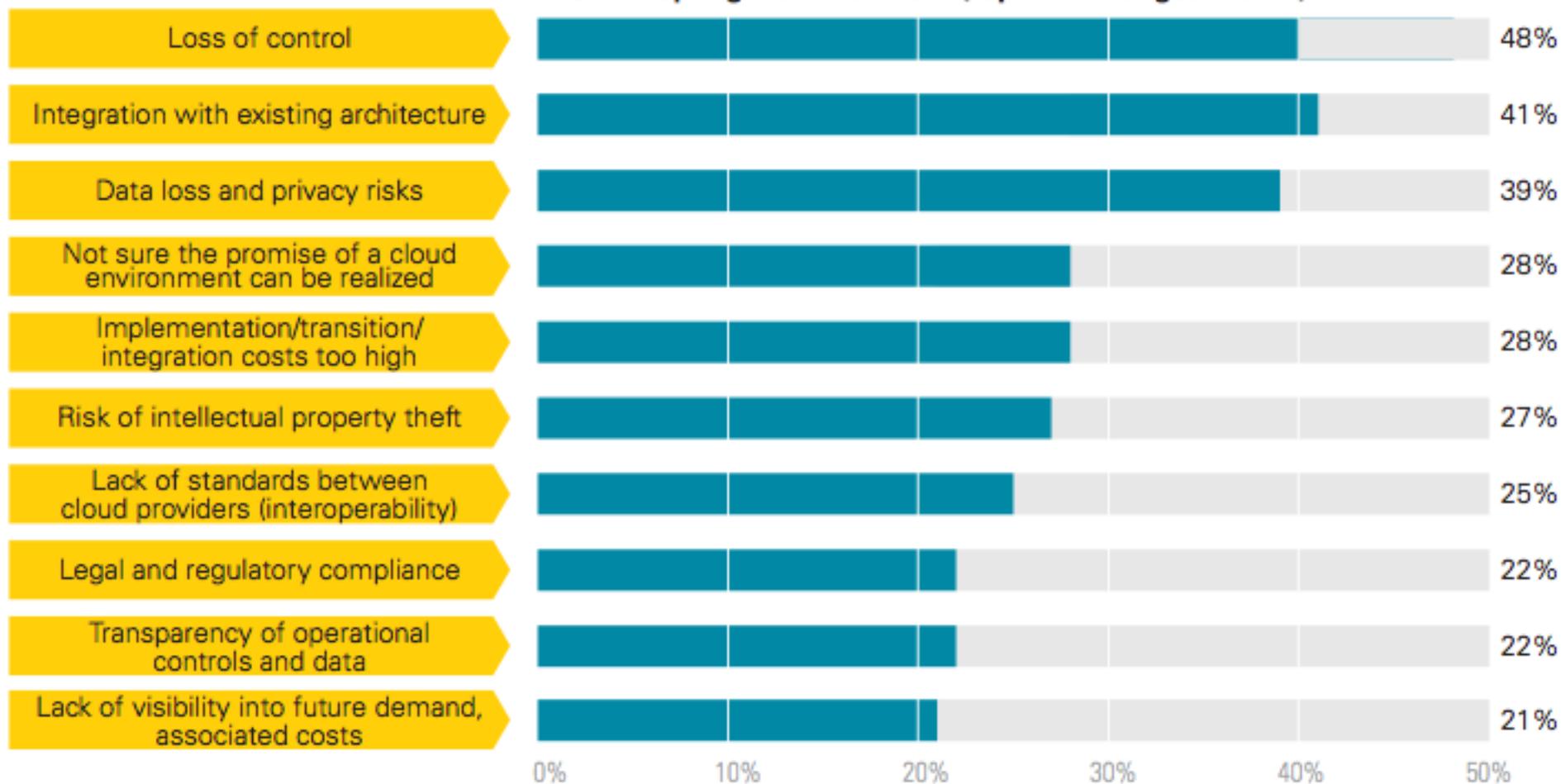
- ❑ Due process, cooperation, broad consensus, transparency
- ❑ Multi-stakeholder participation
  - ❑ *Address use cases and diversity*
  - ❑ *Need all players*
  - ❑ *Global participation*
- ❑ Longevity
  - ❑ *Ensure humanity's knowledge remains*
  - ❑ *Specifications are freely available*

[open-stang.org](http://open-stang.org)

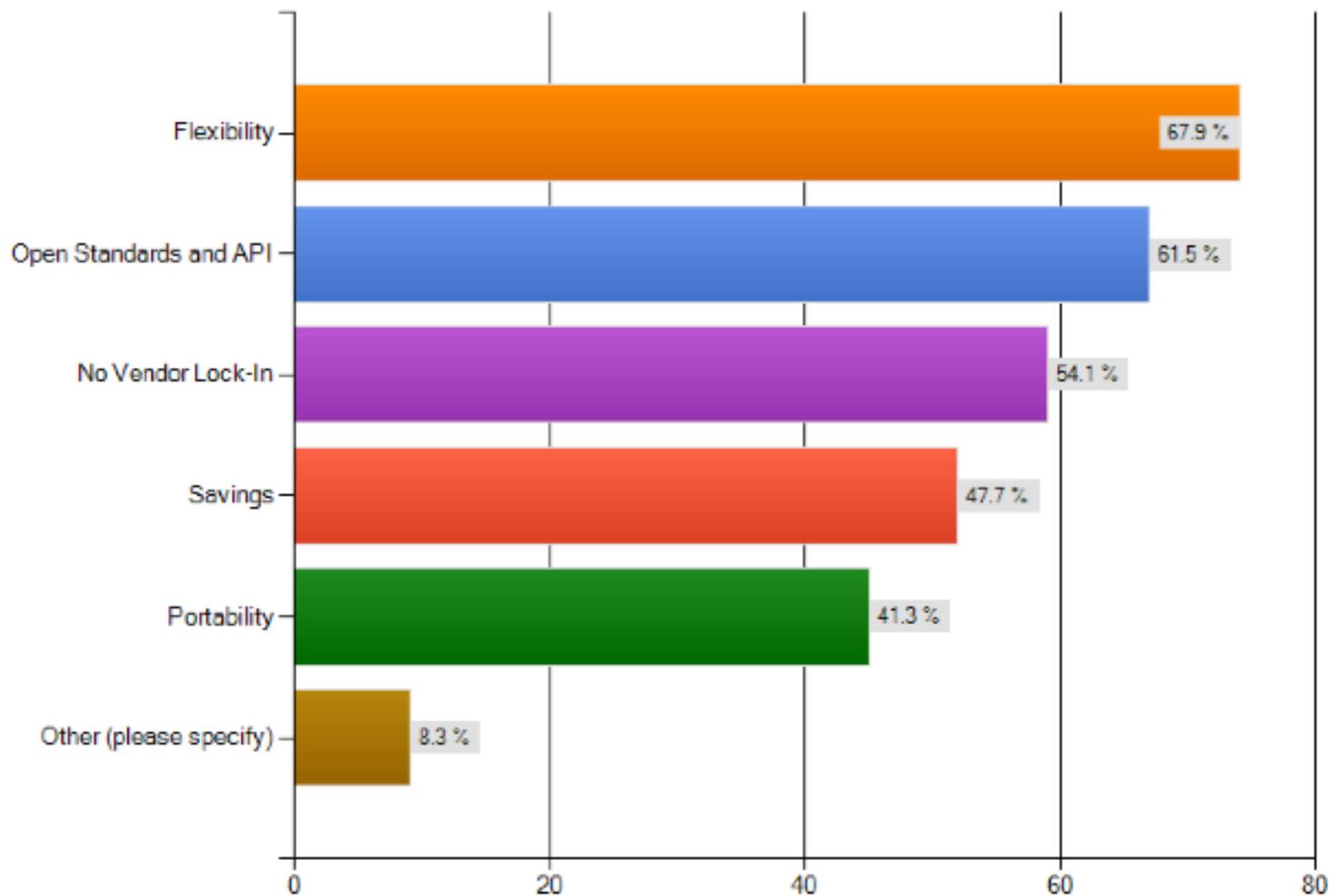


# Slowing down factors

What are your customers' biggest challenges/concerns about adopting cloud services? (top 10 challenges shown)



# Driving factors for Open Source Clouds



# In Summary

- ❑ We need urgently a set of

Royalty-Free Standards  
For  
Cohesive Cloud Architecture