Presentation for W3C’s Mobile Web Initiative

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Intro - ACCESS develops software for mobiles

i-mode Series

Global i-mode

3G (FOMA 900i)

China Unicom

au by KDDI

e彩

Bell South International

Orange Cingular

telcel

Hutchison 3G

AWS (mMode)

PHS

PAS (China)
Discussion Points

1. Agree on proper mobile technologies-subset of future and existing W3C standards
   – Who should define mobile profiles?
   – Consensus is that W3C should define mobile profiles

2. Compound Documents
   – As in Vodafone Live
   – Rich content is future of web
   – First work is svg + xhtml
3. Two Significant Use cases
   – Bring desktop browsing to the handheld
   – Content and service developed for mobile
Example Use Cases

• (Non) Use Case I
  – Bus schedule for the bus stop near my house
  – Even though, xhtml-mp, css-mp, etc. exist, there is no mobile service
  – If mobile content takes off, I will still need to wait a minimum of 2 years for content

• Use Case II
  – Barcelona taxi strike
  – Check email using Outlook Web Access
  – Find directions to hotel and go
Need for Content

4. Need for content and therefore strong authoring technologies

- There is a role for good content specifically targeted for mobile
- But, at the same time, the power of ubiquitous web browsing is having access to the entire internet worth of useful data
  - Information that is very personally important is unlikely to be put into a mobile service any time soon
    - E.g. Palo Alto creek depth monitor
Discussion Points (3)

5. Need for Collaboration

• Division of work
  • OMA – requirements, service enablers
  • W3C – markup languages, mobile profiles
  • Who does certification? Test suites?
  • What is role of 3GPP? 3GPP2?

• Next steps
  • More frequent liaisons
  • Compound Docs and Multimodal should be first cases
    – Also, SMIL?
    – Accelerate input of requirements to SMIL WG
  • Co-locate more W3C activities with OMA
    – Frankfurt or Singapore?
6. Challenges

– Must achieve time to market !!
– It’s hard enough with just one standard organization !!
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