



W3C Mobile Web Initiative

Device Descriptions Working Group

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The mission of DDWG

“To enable the development of **globally accessible, sustainable data and services** that provide **device description** information applicable to **content adaptation**.

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Three-stage scope to the working group

- **Reviews**

- Reviewing the value chain (ecosystem) that applies to the development, maintenance and use of device descriptions.
- Reviewing existing vocabularies with a view to selecting appropriate candidates.

- **Selection**

- Identifying a subset of the delivery context that is necessary in the provisioning of appropriate user experiences on mobile devices.

- **Development**

- Development of requirements for a repository of device descriptions
- Developing requirements for extensions to technologies where gaps exist, for example in the area of highly dynamic device characteristics
- Development of solution concepts for aiding in the discovery of vocabularies and profiles.
- Development of interface proposals for querying the repository
- Facilitating Example or Reference implementations, where deemed feasible and necessary



Three Notes

- **“Ecosystem Document”**

- Describing the business model(s) surrounding creation, maintenance and use of device descriptions. Also describes the ‘actors’ within the ecosystem.

- **“Landscape Document”**

- Articulates what the W3C and other organizations are doing or have already done in this space and what the overall architecture could be for these technologies to work together.

- **“Requirements Document”**

- Describing a set of requirements for a reference repository of device descriptions, or “DDR”



Time line

- **May 2005**
The MWI DDWG launched
- **4th August 2005 :**
Public survey on existing device description technologies.
- **21st November 2005**
First Public Working Draft of Ecosystem Document
- **10th February 2006**
First Public Working Draft of Landscape Document
- **10th April 2006**
First Public Working Draft of Repository Requirements 1.0



A call for participation...

- **W3C International Workshop on the Implementation of a Device Description Repository**
 - 12-13 July 2006, in Madrid, Spain
 - Hosted by Telefónica Investigación y Desarrollo
- Participants will discuss the design, implementation and use of a Device Description Repository (DDR) being proposed by the DDWG.
- The proposed DDR will provide device information to content and service providers for adapting content to suit client devices.
- **Position papers are due *31 May 2006***

The next steps?

- Work from an agreed set of Requirements
- Address DDR implementation issues
- Design a solution
 - Architecture
 - Interface (possibly with an IDL-based API)
 - Data Binding to UAProf, WURFL etc.
- Seed data in a “demonstration”
- A more technically challenging phase



More about DDWG

- **Working group home page:**
 - <http://www.w3c.org/2005/mwi/ddwg>
- **Public mailing list:**
 - public-ddwg@w3.org
- **Mailing list archive**
 - <http://lists.w3.org/Archives/Public/public-ddwg/>