The mission of DDWG

“To enable the development of globally accessible, sustainable data and services that provide device description information applicable to content adaptation.”
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](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/](http://lists.w3.org/Archives/Public/public-ddwg/)