



# **BEA WebLogic Mobility Server**

## **What's New**

Version 3.6  
June 2007

## What's New in WebLogic Mobility Server 3.6

BEA WebLogic Mobility Server 3.6 provides key enhancements, especially in the areas of device recognition and support for advanced device features.

WebLogic Mobility Server 3.6 runs on WebLogic Server and WebLogic Portal 8.1.2+ and 9.2.+.  
For more information, see the Supported Configurations documentation on e-docs at <http://edocs.bea.com/mobility/docs36/pdf/supportedconfigs.pdf>.

The following sections describe the WebLogic Mobility Server 3.6 enhancements in detail.

### ***Improved Device Matching Resilience***

In a number of deployment situations, device headers have been modified by the network infrastructure between the user and WebLogic Mobility Server. This header modification has in some cases led to incomplete or incorrect traversal of the device matching tree.

The device matching process has been augmented with addition heuristics to allow for a more reliable device match under a much wider set of circumstances.

### ***User/Application Device Matching Override***

In some circumstances, an intervening operator / proxy infrastructure may completely eliminate the request headers issued by a device, making device matching impossible. Alternatively, an application may override the default device matching provided by WebLogic Mobility Server.

To facilitate these use cases, a WebLogic Mobility Server now provides an interface that allows a custom class to tell WebLogic Mobility Server which device to use for transformation purposes.

### ***Dynamic Attributes***

Some newer devices let users change their device characteristics in real time. For example, some Blackberry devices let users dynamically control tables and CSS characteristics.

To facilitate recognition of these dynamic changes, WebLogic Mobility Server now features *Dynamic Attributes*—attributes that recognize and properly display changes to a user's device characteristics in real time.

### ***Modified Facet Architecture***

In the previous WebLogic Mobility Server 3.5 release, parts of the mobility facets were implemented using the J2EE shared library concept. Because WebLogic Mobility Server does not share WebLogic Portal's automatic deployment of shared libraries in new domains, users were required to manually deploy the WebLogic Mobility Server shared library in a new domain.

WebLogic Mobility Server 3.6 no longer uses the J2EE shared library format. All resources are added to the file system, and are therefore automatically deployed as part of the application.

### ***Updated Look and Feel***

The WebLogic Mobility Server 3.6 mobility look and feel has been updated to use the more recent WebLogic Portal 9.2 XML-based formats.

## ***Support for More Advanced Devices***

In certain circumstances, WebLogic Mobility Server would process style sheets on the server when a device was capable of processing them locally. In addition, certain table processing and attribute filtering was found to be unnecessary.

The transformation process for compatible devices has been enhanced to ensure the delivery of CSS and other style elements when appropriate for the device in use.

## ***Device Database Update***

The WebLogic Mobility Server 3.6 device database has been updated to include profiles and attribute values for the latest market devices.

**Note:** This version of the Device Repository and the accompanying Device Repository Manager have been enhanced to allow for the improved device matching processes introduced in WebLogic Mobility Server 3.6. However, these Device Repository enhancements are not backwards compatible with earlier WebLogic Mobility Server versions.

If you are using WebLogic Mobility Server versions prior to 3.6, you should use the Device Repository Manager version for that version of the product to retrieve updated device repositories from the Device Repository Upgrade Service.

## ***Documentation***

Much of the documentation has been updated with WebLogic 9.2-specific instructions:  
<http://edocs.bea.com/mobility>.