

WebReboot[®] Enterprise

Development Server Manual

Version 1.1.1

April 19, 2007

Servprise International, Inc.

106 Huntoon Memorial Highway
Rochdale, MA 01542

Web: www.servprise.com

Phone: 800-832-3823

Email: support@servprise.com



Table of Contents

1	Introduction.....	1
2	Installation.....	2
3	Getting Started	2

1 Introduction

The WebReboot[®] Enterprise Development Server (WREDS) is a software package that emulates the functionality of a WebReboot Enterprise device. While it will not reboot or power down servers, WREDS fully supports the WebReboot Enterprise half of the client-server communications protocol via a fully capable implementation of the XML SOAP web service. In addition, WREDS provides the full web browser interface that is available on actual WebReboot Enterprise hardware. Using WREDS, the time required to integrate the WebReboot with your own software via the web service API¹ can be substantially reduced.

WREDS, much like the actual WebReboot Enterprise hardware, supports concurrent user sessions, allowing one server to be set up for an entire development team. Currently, multiple user accounts are not supported, and all users are required to use the administrator account.

Moreover, as a software solution, WREDS is portable in ways that the WebReboot is not. Mobile developers can now do integration work from their laptops without having to carry a WebReboot Enterprise around with them.

Currently, WREDS persists user data such as server names and configurations for the duration of its operation, but does not persist data between instantiations of the application. It is our goal to have more useful data persistence options available in a future release.

Please note that while WREDS will allow you to cut down your development time, we still recommend that you test your code with the WebReboot Enterprise prior to deployment.

¹ The XML SOAP web service API provides programmatic access of the features available on the WebReboot Enterprise, allowing you to integrate the WebReboot Enterprise with custom software. More details can be found at <http://dev.servprise.com/>.

Installation

WREDS is a Java™-based Web application. It requires the Sun Java Development Kit (JDK) version 5 or higher to be installed. Please note that this requirement has no bearing on the target JDK version for your application – it simply indicates what is required to run WREDS.

WREDS is currently only distributed as a standalone web application based on the Tomcat² application server.

2 Getting Started

After unzipping the standalone distribution, WREDS can be started by running one of the scripts in the *bin/* directory. *NIX users will want to run *bin/startup.sh*, while Windows users will want to run *bin/startup.bat*. WREDS will then start up in its own console, outputting debug messages as it proceeds. If you must stop the server, you can do so by running *bin/shutdown.sh* on *NIX systems and by running *bin/shutdown.bat* on Windows.

Out of the box, WREDS is configured to listen for connections on the local host on port 8080. If you open up your Web browser to <http://localhost:8080/>, you will see the WebReboot Enterprise interface ready to interact with WREDS. The default username for the administrator account is “admin” and the default password is “password”.

Once you have started WREDS, it is ready to receive commands from your application. You may use the web service API to connect to WREDS using “localhost” as the host name, “8080” as the port, and “http” as the scheme. The WSDL file can be viewed at <http://localhost:8080/admin/services/WebRebootService?wsdl>.

Please note that while actual WebReboot Enterprise hardware supports HTTP, HTTPS, and SSH access, WREDS currently only supports HTTP.

Java is a trademark or registered trademark of Sun Microsystems, Inc. in the United States and other countries.

WebReboot is a trademark or registered trademark of Servprise International, Inc. in the United States and other countries.

² Find out more about Tomcat at <http://tomcat.apache.org/>