
WebObjects 5.3 Release Notes

(Legacy)

[Mac OS X Server > WebObjects](#)



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Introduction to WebObjects 5.3 Release Notes

Important: The information in this document is obsolete and should not be used for new development.

With this release, WebObjects is part of the Xcode 2.1 Developer Tools distribution. You can now create and edit an entity-relationship model using either Xcode's EO Model design tool or EOModeler—a separate development tool packaged with WebObjects.

This release also provides an updated WebObjects Builder, HTML/XHTML compatibility, Java Collection Classes support, updated WebServices, and Oracle 10g support.

Who Should Read This Document?

Any developer who wants to develop and deploy WebObjects applications should read this document as various issues and fixes found in this release may affect your application. Anyone interested in new WebObjects development should also read this document for the most current information on new features and outstanding issues with WebObjects 5.3.

Organization of This Document

This document contains the following chapters:

- [“Resolved and Known Issues in WebObjects 5.3”](#) (page 7) details resolved and known issues and provides workarounds. This chapter is broken down by category and provides a brief problem descriptions, resolutions, and workarounds.

This document also contains a revision history.

INTRODUCTION

Introduction to WebObjects 5.3 Release Notes

Resolved and Known Issues in WebObjects

5.3

This document contains information about known issues and workarounds for WebObjects 5.3.

EOModel

Radar #4108187

EOModel, at present, is not localized

Description:

Currently, you can only use Xcode's EOModel plug-in in English.

Resolution:

None.

Radar #4112167

New EOModel references are not created correctly

Description:

When creating a new EOModel in Xcode 2.1, the EOModel bundle is not created and inserted correctly in the project.

Workaround:

Remove the EOModel reference in your project and then add it back into the project through the Xcode Project menu.

Tools

Radar #3516904

The performance on WebObjects Builder degraded significantly when it encountered certain CSS contents, complex WebObjects Component, or components with malformed HTML contents

Description:

Certain CSS contents, complex WebObjects Components, or components with malformed HTML contents could bring WebObjects Builder into a panic state, which led to a spinning wheel and a major performance hit.

Resolution:

This issue has been resolved.

Radar #4117166

Direct To Web Assistant or Direct To WebServices assistant not starting correctly

Description:

In the run log, you'll see error messages complaining about missing classes. This is because the WebObjects webserver document root is not populated correctly.

Workaround:

To correctly start the assistants:

1. Copy the jar files in /Library/WebObjects/lib to /Library/WebServer/Documents/WebObjects/Java
2. unjar them in that directory

```
cd /Library/WebServer/Documents/WebObjects/Java
find . -name "*.jar" -exec jar -xf {} \;
```

Radar #4123573

WebObjects building does not let you bind to @avg, @sum, @min, @max, or @count for NSArray

Description:

In the bindings browser, you cannot bind to @avg, @sum, @min, @max or @count for NSArray of data.

Workaround:

You can manually add the bindings in the source view. For instance:

```
movieDisplayGroup.allObjects.@count
```

Frameworks

Radar #4117882

Exceptions when building WebObjects J2EE bundles in Xcode 2.1

Description:

You might get an exception building WebObjects J2EE bundles in Xcode 2.1 when going through the WebObjects project assistant.

Workaround:

Manually add the settings in your project target:

```
SERVLET_SINGLE_DIR_DEPLOY = YES/NO if single servlet directory option
SERVLET_TRUE_WAR = YES/NO if true war bundle option
```



```
SERVLET_WEBAPPS_DIR = [path to container deployment directory  
SERVLET_COPY_JARS = YES/NO is YES only if you want the jars under one directory,  
not need for war bundle option  
SERVLET_DEPLOY_LICENSE= WebObjects deployment license
```

Radar #3748926

Certain debug information was logged to NSLog.err instead of NSLog.debug

Description:

Information such as the URL for connecting to the WebObjects Application via WebServer went to NSLog.err instead of NSLog.debug.

Resolution:

This issue has been resolved.

Radar #2850117

WOMailDelivery uses obsolete sun.net.smtp.SmtpClient for mail delivery

Description:

As its original API has been deprecated, WOMailDelivery now uses the JavaMail API.

Resolution:

WOMailDelivery now uses JavaMail if found on the classpath. Otherwise it falls back to sun.net.smtp.SmtpClient.

Radar #3590569

WOStatistics store has a ceiling of 50 transactions that it can log

Description:

WOStatistics store has a ceiling of 50 transactions that it can log.

Resolution:

The WOStatisticsStoreSessionMax property can be configured in the Properties file.

Radar #3888799

WOCookies were not serializable in previous releases

Description:

WOCookies were not serializable in previous releases.

Resolution:

WOCookies are now serializable.

Radar #3055679

DirectToWebServices applications don't automatically open WebServicesAssistant

Description:

Launching a DirectToWebServices application would automatically open a browser window telling you to copy and paste a URL into WebServicesAssistant.

Resolution:

DirectToWebServices WO applications will now automatically open WebServicesAssistant directly when the WSAssistantEnabled property is enabled.

Radar #3961655

WSDL generated by WebObjects had duplicate namespaces

Description:

WSDL generated by WebObjects had duplicate namespaces and caused interop problems with other client applications.

Resolution:

The issue is now resolved.

Radar #3989185

WebObjects web services using Axis 1.0

Description:

WebObjects web services should upgrade to the latest GM Axis release.

Resolution:

Axis 1.1 is now used in WebObjects.

Deployment

Radar #3935864

Creating a new instance of WebObjects Application causes JavaMonitor to throw an exception

Description:

Under certain circumstances, creating a new instance of WebObjects Application could make JavaMonitor throw a null pointer exception.

Resolution:

This issue has been resolved.

Radar #4129134

The Apache httpd.conf file is missing a reference to WebObjects adaptor

Description:

The Apache httpd.conf file is missing a reference to WebObjects adaptor. Check the /etc/httpd/httpd.conf file and look for the line:

```
Include /System/Library/WebObjects/Adaptors/Apache/apache.conf
```

Workaround:

Add the lines below to your /etc/httpd/httpd.conf file and restart your web server.

```
# Including WebObjects Configs
Include /System/Library/WebObjects/Adaptors/Apache/apache.conf
```

WebObjects Documentation

Radar #4101257

Third Party jars folder that was in WebObjects 5.2 is not shipped with WebObjects 5.3 release

Description:

In previous releases of WebObjects, there was a 3rd party jars folder that contained various java components that could be used with WebObjects. We are not shipping these jars with the WebObjects 5.3 release.

Resolution:

Customers will have to download versions of these jars if they want to use the functionality.

The following can be placed in the /Library/Java/Extensions directory:

```
jta_1.0.1.jar
    Contains the Java Transaction API 1.0.1a classes (javax.transaction.*)
jdbc2_0-stdext.jar
    Contains the JDBC[tm] 2.0 extensions (javax.sql.*)
jconn2.jar
    Contains the Sybase JDBC driver
```

The following JAR files should be placed in the WebObjects extensions directory:

```
activation.jar
    Contains the Java Activation Framework 1.0.1 (javax.activation.* and com.sun.activation.*)
clutil.jar
    Contains commandline parsing utilities for AXIS (org.apache.avalon.excalibur.*)
ejb-1.0.jar
    Contains the Enterprise JavaBeans 1.1 interfaces (javax.ejb.*)
jaas_1.0.jar
    Contains the APIs for the Java Authentication and Authorization Service (JAAS) defined by Sun Microsystems
```

jca_1.0.jar

Contains the J2EE Connector Architecture classes (javax.resource.cci.* and javax.resource.spi.*)

Installer

Radar #4101546

OpenBase example databases not starting correctly

Description:

The OpenBase WebObjects databases might not start correctly in some installs. This will manifest itself in WebObjects example applications not being able to connect to the database.

Workaround:

To correctly start the OpenBase example databases:

1. Launch the OpenBase Manager application in /Applications/OpenBase
2. Select the menu item 'OpenBaseManager' --> 'Local Settings Settings'
3. Deselect the 'Network Access Allowed' checkbox
4. Select the Local databases
5. Start the WebObjects example databases

Radar #4128791

Installing Xcode 2.1 developer tools on Tiger Server changes the WebObjects deployment settings

Description:

The Xcode 2.1 tool set on Tiger Server installs developer specific settings and will therefore override some of your deployment configuration.

Workaround:

Remove the /System/Library/Frameworks/JavaWebObjects.framework/Resources/Properties file.

Radar #4128807

Properties file installed in /JavaWebObjects.framework/Resources on Tiger Server

Description:

The Properties file is likely coming from the WebObjectsRuntime.pkg and should not be installed on Tiger Server systems but should be installed on Tiger Client systems.

Workaround:

Remove the Properties file and you won't get the development specific settings.

Document Revision History

This table describes the changes to *WebObjects 5.3 Release Notes*.

Date	Notes
2005-10-04	Corrected a typo in a pathname.
2005-09-08	Minor correction.
2005-07-07	Improved formatting throughout document.
2005-06-06	First version of WebObjeccts 5.3 Release Notes.

REVISION HISTORY

Document Revision History