

webMethods Mobile Designer 9.5 SP1 Readme

November 2013

This file contains important information you must read before using Mobile Designer 9.5 SP1. You can find additional information about Mobile Designer 9.5 SP1 on the [Software AG Documentation website](#). In addition, the following suite-related information is also available at that location:

webMethods Product Suite Release Notes

webMethods System Requirements

webMethods System Cache Specifications

Using the Software AG Installer

Installing webMethods Products

Using the Software AG Update Manager (fixes)

Upgrading webMethods Products

Product Documentation

You can find the following information in the Products section of the [Empower website](#):

Security Information

Globalization Information

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1.0 Critical Information

This section lists the critical issues that were known when this readme was published. For critical information found later, go to the Knowledge Center portion of the [Empower website](#).

None.

2.0 Known Issues

This section lists issues that were known when this readme was published. For known issues found later, go to the Knowledge Center portion of the [Empower website](#).

None.

3.0 Usage Notes

This section highlights product limitations and changes to product behavior introduced in this release.

- When running an application in Phoney and simulating an iOS platform, for most simulated iOS devices, Phoney renders the user interface for the application using the Phoney skin that simulates the look-and-feel of the iOS 7 platform. If you want Phoney to render the application using the Phoney skin that simulates the look-and-feel of the iOS 6 platform, set the following run-time parameter for your project:

```
<param name="MD_PFRENDERER_IOS_VERSION" int="6"/>
```

For more information, see information about the user interface look-and-feel in the *webMethods Mobile Designer Native User Interface Reference*.

4.0 Fixes and Enhancements

This section describes the fixes and enhancements included in Mobile Designer 9.5 SP1.

4.1 Fixes and Service Packs Included in This Release

This section lists the fixes and service packs for previous releases that have been included into the current release. If only some issues in a fix or service pack have been included, that partially included fix or service pack is not listed here, and those issues are listed separately in [Section 4.2 Resolved Issues](#). See the Knowledge Center section of the [Empower website](#) for more information about fixes and service packs.

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4.2 Resolved Issues

This section lists issues that were resolved in this release and that are not included in the fixes and service packs listed in [Section 4.1 Fixes and Service Packs Included in This Release](#). These issues might have been resolved in a fix or service pack that was not included in its entirety into this release, or they might have been resolved since the last fix or service pack was released.

- **WWW-551**
The Mobile Designer cross compiler outputs incorrect C# code that causes a StackOverflow.
When cross-compiling an application for Windows Phone 8, when an application contained parent and child classes (in an inheritance chain) that both implemented an interface method, and the child method used a super call to invoke the parent's implementation of the interface method, the cross compiler outputted incorrect C# code. The resulting C# code caused a StackOverflow.
This issue was resolved by updating the Mobile Designer cross compiler.
- **WWW-552**
Under Windows Phone 8, nUIEntryElement objects set for hidden text do not pass back EVT_PRE_EDIT or EVT_POST_EDIT events.
Under Windows Phone 8, if a nUIEntryElement object is configured for hidden formats, for example to use for a PIN or password field, the com.softwareag.mobile.runtime.nui.nUIEntryElement class was not passing back the expected EVT_PRE_EDIT or EVT_POST_EDIT events.
This issue was resolved by updating the com.softwareag.mobile.runtime.nui.nUIEntryElement class in the NativeUI library.
- **WWW-553**
Under Windows Phone 8, listener methods do not detect events from the nUIDialogWindow object.
Registering custom event listeners for a Windows Phone 8 nUIDialogWindow object was not working correctly. As a result, the expected listener methods were not detecting the events that the nUIDialogWindow objects passed back.
This issue was resolved by updating the NativeUI library.
- **WWW-570**
Applications running on Android unexpectedly quit when rapidly pressing the Back button.
When an application was running on an Android device and a user pressed the Back button rapidly to navigate between NativeUI Views, the application sometimes registered a termination event, which forced the application to quit unexpectedly.
This issue was resolved by updating the NativeUI library.
- **WWW-573**
The Mobile Designer cross compiler generates C# code that reports typecasting errors.
When cross-compiling a Windows Phone 8 application that contains a child method that uses a super call to invoke the parent method, but specifies an argument of a different class type, the generated code reports typecasting errors even though the specified class type is valid.
This issue was resolved by updating the Mobile Designer cross compiler to inject appropriate typecasting.

4.3 Enhancements

For a detailed list of the enhancements included in Mobile Designer 9.5 SP1, see the Release Notes available on the [Software AG Documentation website](#).

4.4 Documentation Changes

This section describes significant changes to the documentation, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content.

- The *Using webMethods Mobile Designer* guide has been updated to more clearly describe tasks to develop mobile applications. The guide includes sections on configuring Mobile Designer, creating mobile applications, building applications, installing and testing applications, and distributing applications.

4.5 Terminology Changes

This section lists terminology that has changed since the last full release of the product.

None.

4.6 Added, Removed, Deprecated, or Changed Items

This section lists product functionality that has been added, removed, deprecated, or changed since the last full release of the product. Deprecated APIs are listed in the relevant sections that follow this one.

Added Item	Description
Added Properties for the <code>sdk.properties</code> File	
<code>mobiledesigner.javac.detection.mode</code> property	Specifies whether you want Mobile Designer to check whether the Java compiler is present in a user's currently configured version of Java when the user executes a Mobile Designer Ant target. You can set the property to prevent Mobile Designer from executing the Ant target if the Java compiler is not found, have Mobile Designer issue a warning and then execute the Ant target, or skip the check for the Java compiler.
<code>microsoft.sdk.winphone.extensions.sqlite</code>	Path to the location of the SQLite extension SDKs installed for Windows Phone 8.
<code>microsoft.sdk.winrt.extensions.sqlite</code>	Path to the location of the SQLite extension SDKs installed for Windows RT.

Added Item

Added Project Properties and Parameters

project.handset.uses.FCPIM project property

Description

Specifies whether your application uses the File Connection / Personal Information Management (FC-PIM) API to manage contacts. This support is available for the Android, BlackBerry, iOS, Windows Phone 8, and Windows 32 platforms.

MD_PFPRENDERER_IOS_VERSION project parameter

Overrides the default iOS Phoney skin that Phoney uses when simulating an iOS device. You can use this parameter to force Phoney to use the iOS 6 Phoney skin when simulating an iOS 7-compatible device.

Added Sample Projects

NativeUI Contacts sample application project

This sample project demonstrates the use of the File Connection / Personal Information Management (FC-PIM) API defined for JSR 75. The sample demonstrates using the FC-PIM APIs to read and edit contact information. Note that editing contacts is allowed only for devices running on platforms that support editing the address book.

Added Phoney Skin

iOS 7 Phoney Skin

Phoney now has a skin that simulates the iOS 7 look-and-feel.

Removed Item

None.

Deprecated Item

None.

Changed Item

Description

Changed Phoney Skin

iOS Phoney Skin

In previous releases, Phoney used a Phoney skin that simulates the iOS 6 look-and-feel when simulating iOS devices. Now, by default, Phoney uses the iOS 7 Phoney skin when simulating an iOS 7-compatible device.

4.7 Added, Removed, Deprecated, or Changed APIs

This section lists APIs that have been added, removed, deprecated, or changed since the last full release of the product.

Added API

Description

JSR 75 (File Connection / Personal Information Management)

Added support for managing contacts using the JSR 75 File Connection / Personal Information Management (FC-PIM) API. This support applies to the Android, BlackBerry, iOS, Windows Phone 8, and Windows 32 target platforms, and also to Phoney.

Removed API

None.

Deprecated API

None.

Changed API

None.

5.0 Copyright Information

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6.0 Support

To obtain support for webMethods Product Suite components, refer to the following resources:

[Empower website](#)

Visit the Empower website to learn about support policies and critical alerts, read technical articles and papers, download products, fixes, and service packs, submit feature/enhancement requests, and more.

[Software AG Developer Community for webMethods](#)

Visit the Software AG Developer Community to access additional articles, demos, and tutorials, technical information, samples, useful resources, online discussion forums, and more.

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