Running Sample Application using Samsung SDK 1.1

Version 0.9, Draft

INFORMATION GUIDE

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About This Document

This document will cover in brief about how to run a sample Java ME application using Samsung Software Development Kit (SDK) 1.1.

Scope:

This document is targeted for Java developers intended to develop Java ME applications (MIDlet). It assumes that Java Development Kit (JDK) and Samsung SDK 1.1 are installed on the user computer.

Document History:

Date	Version	Comment
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Abbreviations:

Java ME	Java Micro Edition
CLDC	Connection Limited Device Configuration
MIDP	Mobile Information Device Profile
WMA	Wireless Messaging API

Table of Contents

Introduction 5

Running WMADemo using Samsung SDK 1.1 5

Table of Figures

Figure 1: Samsung SDK 1.1 5

Figure 2: Open Project 6

Figure 3: Samsung Devices 7

Figure 4: Select Build 7

Figure 5: Run project 8

Figure 6: Samsung Device Emulator showing WMADemo 8

Figure 7: Launching Receive MIDlet 9

Figure 8: Waiting for Incoming SMS 9

Figure 9: Launching Sending MIDlet 10

Figure 10: Destination Address for SMS 10

Figure 11: SMS Text 11

Figure 12: Select Menu 11

Figure 13: Sending SMS 12

Figure 14: SMS Received 12

Introduction

Samsung SDK 1.1 can be used for developing, testing, debugging, and profiling Java ME applications. This document explains how to run WMADemo as sample Java ME application by showing how to open project, how to select Samsung emulators and how to run the WMADemo sample Java ME application using Samsung SDK.

Running WMA Demo sample application is demonstrated by using Samsung SDK 1.1 here.

Running WMADemo using Samsung SDK 1.1

In order to run WMADemo Sample Application using Samsung SDK, follow the steps mentioned below:

Step1: Go to Start > All Programs > Samsung SDK 1.1 for Java ™ ME platform > KToolbar to launch Samsung SDK as shown in Figure 1.

Figure 1: Samsung SDK 1.1

Step 2: Go to File > Open Project or click on the Open Project icon. "Open Project" dialog box appears showing list of sample projects in Samsung SDK. Select WMADemo project and click Open Project button as shown in Figure 2.

Figure 2: Open Project

Step 3: Select Samsung-Devices from 'Platform' drop-down menu. Samsung Devices appear as shown in Figure 3. Select appropriate Samsung devices from the 'Devices' tab to run WMADemo sample application.

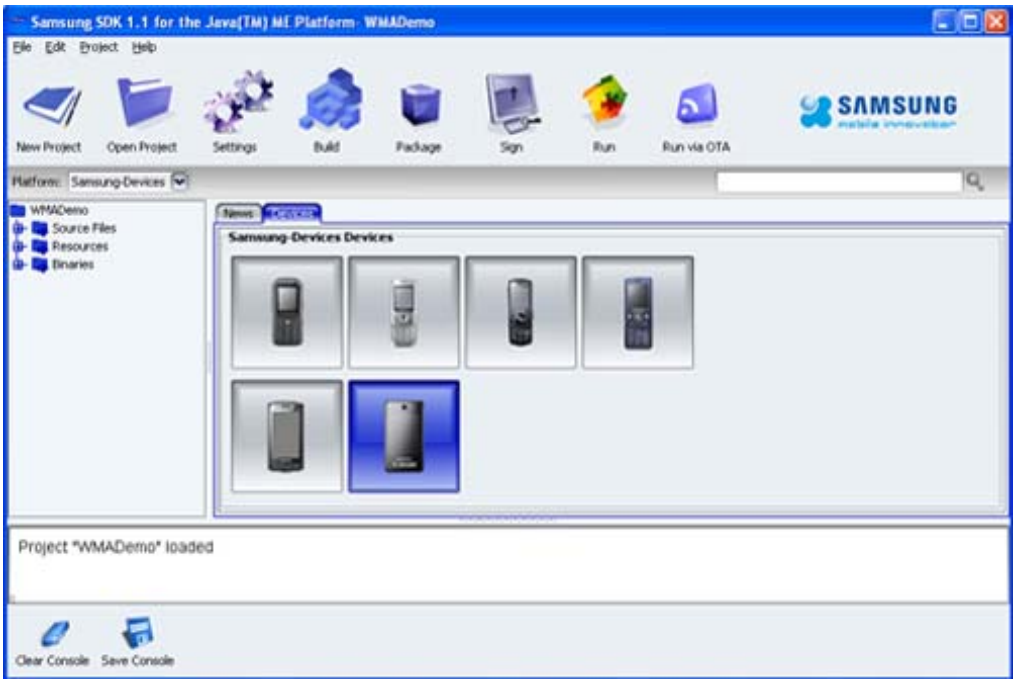

Figure 3: Samsung Devices

Step 4: To build the project, click on the Build icon as shown in Figure 4.

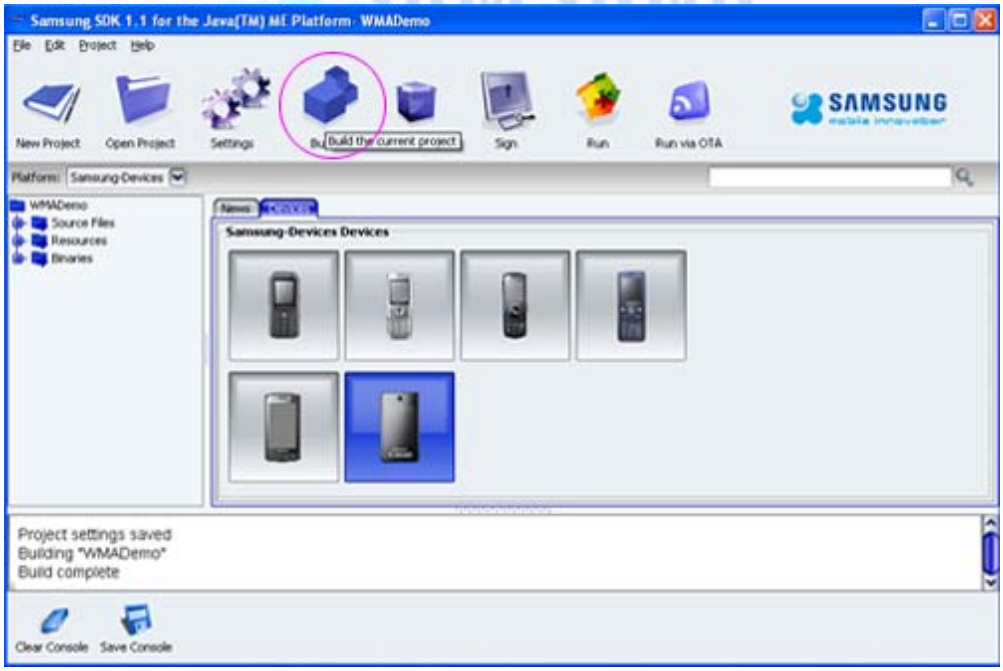

Figure 4: Select Build

Step 5: To run the project, click on Run icon as shown in Figure 5.

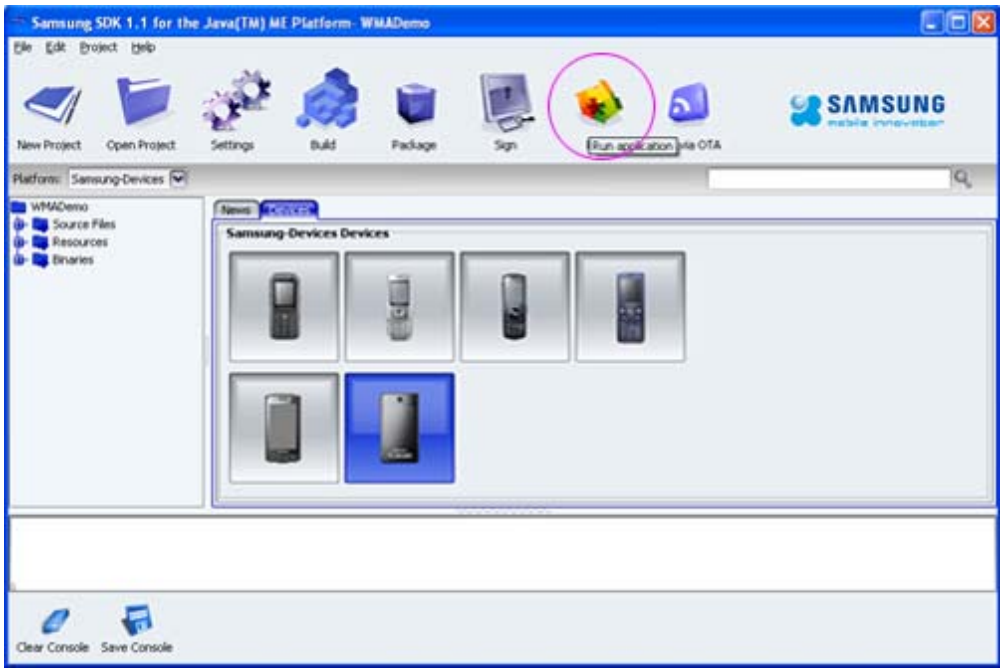

Figure 5: Run project

Step 6: After clicking Run icon, selected Samsung Device Emulator appears showing WMADemo as shown in Figure 6.

Figure 6: Samsung Device Emulator showing WMADemo

Step 7: Select SMS Receive from 'Select one to launch' then click Launch [Command] to launch the SMS Receive MIDlet as shown in Figure 7

Figure 7: Launching Receive MIDlet

Step 8: Now the emulator is in listening mode for Incoming (receiving) Message on specific port as shown in Figure 8.

Figure 8: Waiting for Incoming SMS

Step 9: Repeat action from step 5 to open one more emulator for sending SMS. Click on Launch [Command] to start SMS Send MIDlet as shown in Figure 9.

Figure 9: Launching Sending MIDlet

Step 10: Type destination address of Receiving Emulator and click on OK [Command] as shown in Figure 10. Receiving Emulator is the one shown in Step 8. Emulator Address is displayed on top of the emulator Window. Each Emulator has a unique address that signifies the mobile number. E.g. '555 555 5555' is the address of Receiving Emulator here.

Figure 10: Destination Address for SMS

Step 11: Type in the message box and click on OK [Command] as shown in Figure 11.

Figure 11: SMS Text

Step 12: Click on Menu [Command] as shown in figure 12 then click Send [Command] as shown in Figure 13. This will send the message to the receiving emulator.

Figure 12: Select Menu

Figure 13: Sending SMS

Step 13: Receiving Emulator as shown in Step 8 is waiting for the incoming message. On receiving message, it will display the received message and number of sending emulator as shown in Figure 14. E.g. '5555555556' is the Sending Emulator number here.

Figure 14: SMS Received

After understanding how to run WMADemo sample Java ME application using Samsung SDK, you are ready to develop your Java ME application using Samsung SDK. For more help, go to Java Knowledge Base of Samsung Mobile Innovator site.