

## **LAB5a: Brand Mobiliser Appl. Development**

Create a New Brand Mobiliser Application

TABLE OF CONTENTS

AGENDA ..... 3

BEFORE YOU START... ..... 3

START THE BRAND MOBILISER ..... 3

CREATE A NEW APPLICATION ..... 4

ACTIVATE THE APPLICATION ..... 11

SIMULATE/TEST THE APPLICATION ..... 12

## AGENDA

1. Login to the Brand Mobiliser
2. Create a new Application
3. Activate the Application
4. Simulate/Test the Application

## BEFORE YOU START...

Please start the Mobiliser 5.1 Lab Virtual machine.

The Login with user is "mobiliser" and password "sybase".

## START THE BRAND MOBILISER

Start the Brand Mobiliser by navigating to the "workspace/custom/dist/target/com.sybase365.mobiliser.custom.project.dist-1.2.0-SNAPSHOT/brand/bin" directory and running the "run.sh start" script.

After the container has been started access the Brand Mobiliser via "http://localhost:8081/brand/".

**SYBASE** | **365™**



## CREATE A NEW APPLICATION

A successful login displays the "My Applications" page.  
Select the "WORKSPACE ADMINISTRATION" menu option.

**SYBASE 365**  
BRAND MOBILISER WEB

Workspace: default | Logged-in as admin (Logout) | My Account | Help

**DASHBOARD** | **EVENTS** | **SUBSCRIBERS** | **ASSETS** | **REPORTS** | **WORKSPACE ADMINISTRATION** | **Actions**

**My Applications**

| Application Name                                   | Type        | Category             | Schedule   | Actions |
|--|-------------|----------------------|--|---------|
| <b>0 START - Customer Verification</b>             | Interactive | Mobile Wallet System | Start Nov 3, 2011 - 17:25 MDT<br>End Dec 31, 2049 - 18:25 MST  | Actions |
| <b>0.1 Customer Registration</b>                   | Interactive | Mobile Wallet System | Start Nov 9, 2011 - 21:20 MST<br>End Dec 31, 2049 - 21:20 MST  | Actions |
| <b>0.2 Error Handling - Terminate</b>              | Interactive | Mobile Wallet System | Start Nov 9, 2011 - 01:35 MST<br>End Jan 1, 2050 - 01:35 MST   | Actions |
| <b>0.3 Terminate Session</b>                       | Interactive | Mobile Wallet System | Start Jan 20, 2012 - 23:35 MST<br>End Jan 1, 2050 - 07:55 MST  | Actions |
| <b>0.4 SUB - Credential Verification (3 tries)</b> | Interactive | Mobile Wallet System | Start Nov 7, 2011 - 18:15 MST<br>End Dec 31, 2049 - 18:15 MST  | Actions |
| <b>0.5 SUB - Request New Credential</b>            | Interactive | Mobile Wallet System | Start Nov 9, 2011 - 22:05 MST<br>End Dec 31, 2049 - 22:05 MST  | Actions |
| <b>0.6 Change Temporary or Expired PIN</b>         | Interactive | Mobile Wallet System | Start Mar 21, 2012 - 18:25 MDT<br>End Mar 22, 2049 - 18:25 MDT | Actions |
| <b>1 Secured Main Menu</b>                         | Interactive | Mobile Wallet System | Start Nov 9, 2011 - 21:35 MST<br>End Dec 31, 2049 - 21:35 MST  | Actions |
| <b>1.1 View Transactions</b>                       | Interactive | Mobile Wallet System | Start Nov 28, 2011 - 18:05 MST<br>End Jan 1, 2050 - 07:55 MST  | Actions |
| <b>1.2 Transfer Money</b>                          | Interactive | Mobile Wallet System | Start Nov 28, 2011 - 18:05 MST<br>End Jan 1, 2050 - 07:55 MST  | Actions |

[View All Applications](#) [Create Interactive Application](#) [Create Event Application](#) [Activate Applications](#)

**My Events**

| Event Name | Category | Runtime | Applications | Actions |
|------------|----------|---------|--------------|---------|
|------------|----------|---------|--------------|---------|

[View All Events](#) [Create New Event](#) [Activate Events](#)

**Workspace**  
Short | Long Codes  
1111

**Quick Start Templates**

**MOBILE SMS WALLET R5**  
Type: System. A system of applications for Mobile SMS Wallet.

**SAMPLE APPLICATIONS**  
Type: Demo. A set of sample applications that use and manipulate session variables and the 'Goto Application' and 'Application Call' states.

**Reports**

**Subscriber Report** **Traffic Report**

Custom Reports  
(Placeholder for customization.)  
[CREATE CUSTOM REPORT](#)

Click on the "Manage Workspaces" link.

**SYBASE 365**  
BRAND MOBILISER WEB

Workspace: default | Logged-in as admin (Logout) | My Account | Help

**DASHBOARD** | **EVENTS** | **SUBSCRIBERS** | **ASSETS** | **REPORTS** | **WORKSPACE ADMINISTRATION** | **Actions**

**Workspace Administration**

- Workspace and User**
  - Manage Users
  - Manage Workspaces**
  - Manage Channel Configurations
  - Manage Sessions
  - Processing Engine Logs
- Management and Monitoring**

Click on the "default" workspace which has been previously configured for this lab.

The screenshot shows the SYBASE 365 Brand Mobiliser Web interface. The top navigation bar includes the logo, user information (Workspace: default, Logged-in as admin), and links for My Account and Help. The main navigation menu has options: DASHBOARD, EVENTS, SUBSCRIBERS, ASSETS, REPORTS, and WORKSPACE ADMINISTRATION. The WORKSPACE ADMINISTRATION menu is expanded, showing a list of Workspaces. The 'default' workspace is highlighted with a red circle. An 'Add New Workspace' button is visible in the top right corner of the Workspaces section.

Select the "SHORTCODE" tab. Enter a "Shortcode" and click the checkbox "Use For Reply". Click the "Add" button. Your screen should look similar to the following:

The screenshot shows the 'Manage Workspace' interface with the 'SHORTCODE' tab selected. It features a table with columns: Shortcode, Default, Use For Reply, and Action. The first row shows a shortcode of '11111' with 'Default' set to 'true' and 'Use For Reply' set to 'true'. Below the table is a section for 'Add New Shortcode' with input fields for Shortcode, Default, and Use For Reply, and an 'Add' button.

Click the "DASHBOARD" menu option (upper left).

From the "My Applications" page click the "Create Interactive Application" link as indicated below.

The screenshot shows the 'My Applications' page. It displays a table with columns: Application Name, Type, Category, Schedule, and Actions. Two applications are listed: 'LAB5b\_BM\_EnhancedAppFlow' and 'MyLab5b'. Below the table, there are links: 'View All Applications', 'Create Interactive Application' (highlighted with a red circle), 'Create Event Application', and 'Activate Applications'. The 'My Events' section is partially visible below.

On the "New Application" page enter a Name and validity period and click the "Save" button.

**General Application Information**

Name\*

Lab5a

Category

-- choose a category --

Current Server Time

Mar 26 - 12:40 GMT -7

Active From\*

3/1/13

00

:

00

Active To\*

4/30/13

00

:

00

▼ Session Settings (Optional)

Timeout (secs)

450

Session Limit Response

Save

Export

Click the “KEYWORDS” tab and enter a “Keyword” to be used for mapping incoming requests to this application. Enter an “Active From” and “Active To” date and click the save (disk icon) under “Actions”. Click the “APPLICATION COMPOSER” tab.

The screenshot shows the SYBASE 365 Brand Mobiliser Web interface. The top navigation bar includes DASHBOARD, EVENTS, SUBSCRIBERS, ASSETS, REPORTS, and WORKSPACE ADMINISTRATION. The user is logged in as admin. The main content area is titled "Lab5a | Type: Interactive Application". The "KEYWORDS" tab is selected, showing a table with columns: Keyword, Active From, Active To, and Actions. The first row has the keyword "fun", an active from date of 1/1/13, and an active to date of 1/31/13. A red circle highlights the "fun" keyword, and another red circle highlights the "1/1/13" date. A red arrow points to the "Actions" column, which contains a save icon (disk) and a delete icon (trash). Below the table is a "Keyword Search" section with a search bar and a "Search" button. At the bottom, there are tabs for "Recent Activity Log" and "Referenced By".

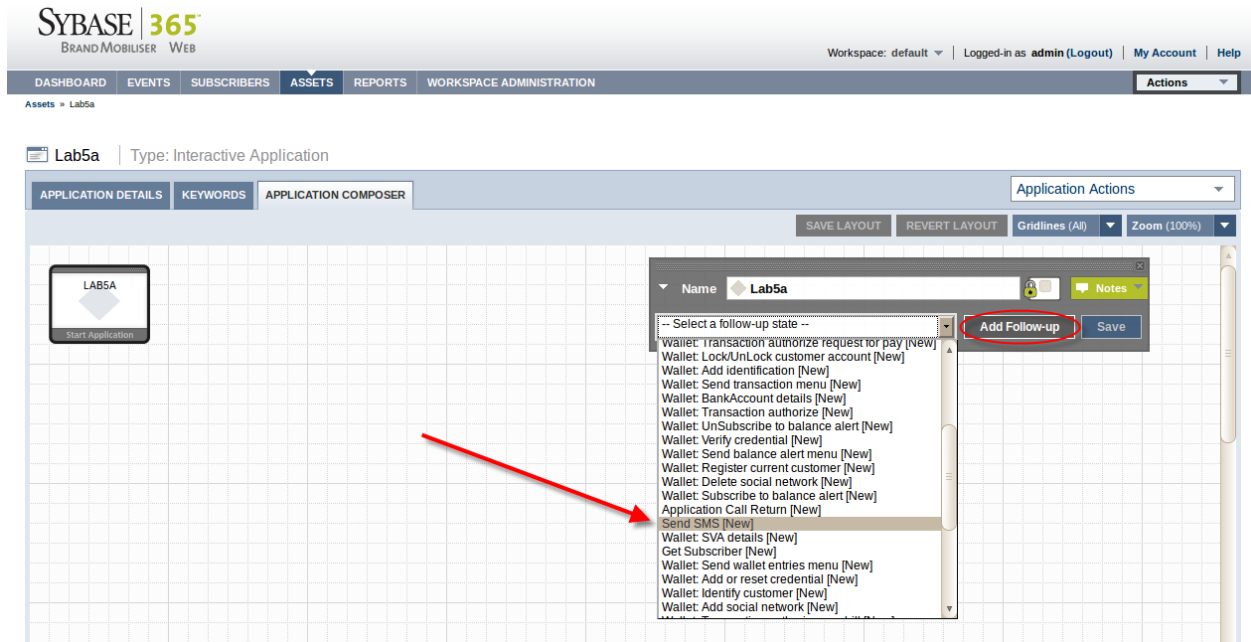
© Copyright 2011 Sybase Inc. An SAP Company | [Contact Support](#) | [About Brand Mobiliser](#)

SYBASE | [365](#) | [SAP Company](#)

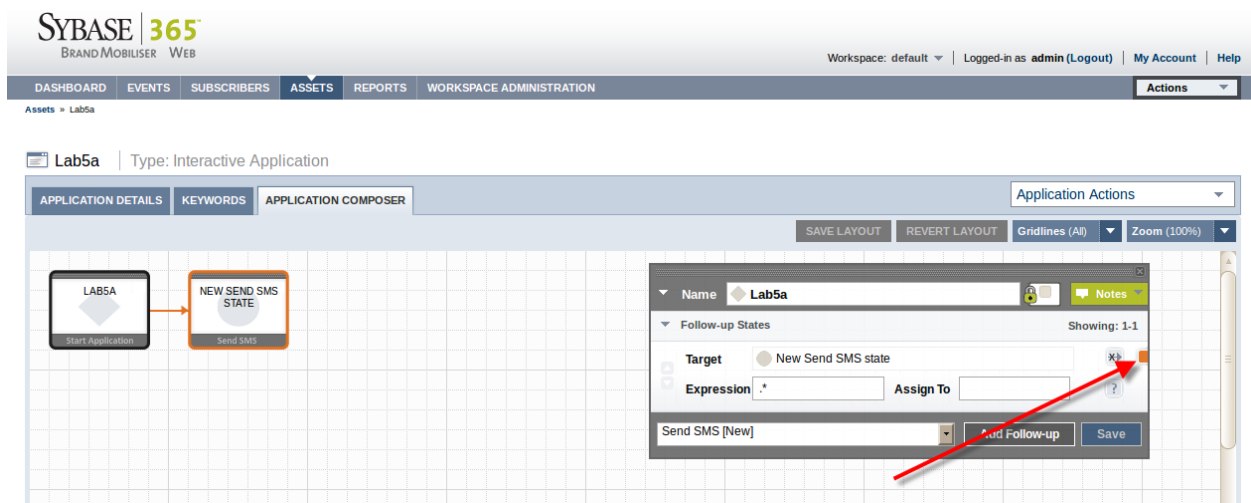
The "Application Composer" tab is used to design the application's flow. The initial "Lab5a" node will be used to begin the flow design.

The screenshot shows the SYBASE 365 Brand Mobiliser Web interface with the "APPLICATION COMPOSER" tab selected. The top navigation bar is the same as the previous screenshot. The main content area is titled "Lab5a | Type: Interactive Application". The "APPLICATION COMPOSER" tab is selected, showing a canvas for designing the application flow. The canvas has a grid background and a toolbar on the right with buttons for "SAVE LAYOUT", "REVERT LAYOUT", "Gridlines (All)", and "Zoom (100%)". A node labeled "LAB5A" with a downward arrow and the text "Start Application" is visible on the left side of the canvas.

Begin by creating follow-up nodes by clicking on the “Lab5a” state node. A State node properties dialog box will be displayed. Select the “Send SMS [New]” option from the dropdown box. This state waits for user input and has a follow up "Send SMS" state returning information entered. Click the “Add Follow-up” button.



Your screen should look similar to the following. Click the box indicated to go to the target state.





Prompt for a name. Add the information shown below and click the “Save” button.

The screenshot shows the SYBASE 365 Brand Mobiliser Web interface. The top navigation bar includes 'DASHBOARD', 'EVENTS', 'SUBSCRIBERS', 'ASSETS', 'REPORTS', and 'WORKSPACE ADMINISTRATION'. The 'ASSETS' tab is active, showing 'Lab5a' under 'Assets'. The 'APPLICATION COMPOSER' tab is selected, displaying a flowchart with two states: 'LAB5a' (Start Application) and 'NEW SEND SMS STATE' (Delete). A modal window titled 'Get Name Details State' is open, showing a message: 'Hello World! Please provide your name for a greeting.' and a character count of 53/160. The modal has buttons for 'Send SMS [New]', 'Add Follow-up', and 'Save'.

Click the “Add Follow-up” button.

Be sure the characters “(.)” are displayed in the “Expression” textbox. (No Quotes.)

Enter the string “NAME” in the “Assign To” textbox and click the Save button. Your string should look similar to the following:

The screenshot shows the SYBASE 365 Brand Mobiliser Web interface. The top navigation bar includes 'DASHBOARD', 'EVENTS', 'SUBSCRIBERS', 'ASSETS', 'REPORTS', and 'WORKSPACE ADMINISTRATION'. The 'ASSETS' tab is active, showing 'Lab5a' under 'Assets'. The 'APPLICATION COMPOSER' tab is selected, displaying a flowchart with three states: 'LAB5a' (Start Application), 'GET NAME DETAILS STATE' (Delete), and 'NEW SEND SMS STATE' (Send SMS). A modal window titled 'Get Name Details State' is open, showing a message: 'Hello World! Please provide your name for a greeting.' and a character count of 52/160. The modal has buttons for 'Send SMS [New]', 'Add Follow-up', and 'Save'. The 'Follow-up States' section is expanded, showing 'Target' as 'New Send SMS state', 'Expression' as '(.\*)', and 'Assign To' as 'NAME'.

Click the “Go to target state” button.  
Add the information as shown below.

The screenshot shows a configuration window for a state named "I Know You State". The "Message" field contains the text "Hello there {NAME}!". The character count is "19/160 characters". At the bottom, there is a dropdown menu labeled "-- Select a follow-up state --", an "Add Follow-up" button, and a "Save" button.

Click the “Save” button.  
Click on the “GET NAME DETAILS STATE” state. Select “Send SMS [New]” from the dropdown box and click the “Add Follow-up” button.  
Be sure the characters “(.)” are in the second “Expression” textbox. Add the string “NAME” to the corresponding “Assign To” textbox similar to the screen print below:

The screenshot shows a configuration window for a state named "Get Name Details State". The "Message" field contains the text "Hello World! Please provide you name for a greeting:". The character count is "52/160 characters". Below the message field is a section titled "Follow-up States" with a "Showing: 1-2" indicator. It lists two follow-up states:

- Target:** I Know You State
- Expression:** (.\*)
- Assign To:** NAME

The second follow-up state is circled in red:

- Target:** New Send SMS state
- Expression:** (.\*)
- Assign To:** NAME

At the bottom, there is a dropdown menu labeled "Send SMS [New]", an "Add Follow-up" button, and a "Save" button.

Click the “Save” button and then click the second “Go to target state” button.  
Add the information as shown below.

The screenshot shows a configuration window for an application named "Print Name State". It features a "Message" field containing the text "Hello there {NAME}!". Below the message field, there is a character count "20/160 characters". At the bottom, there is a dropdown menu labeled "-- Select a follow-up state --", an "Add Follow-up" button, and a "Save" button.

Click the “Save” button.

Once the basic structures are understood, work with session variables as input for existing states like "Copy/Compare Variables". For more advanced scenarios the *Dashboard* offers a set of sample applications you can create/update in the workspace.

## ACTIVATE THE APPLICATION

To test the application it must be activated first. This is to support the maker/checker concept and to avoid changes being visible to the end user instantly.

Select the “Activate Application” from the dropdown to the right of the page.  
Click the “Load Applications for Activation” button.

The screenshot shows the SYBASE 365 dashboard. The top navigation bar includes links for DASHBOARD, EVENTS, SUBSCRIBERS, ASSETS, REPORTS, and WORKSPACE ADMINISTRATION. The main content area is titled "Activate Applications" and shows a table with columns: Application Name, Type, Category, Owner, Schedule, and Actions. Below the table, there are buttons for "Load Applications for Activation" and "Activate All".

NOTE: Please click "Load Applications for Activation" button to proceed.

Locate the application for activation and click the dropdown for it in the “Actions” column.  
Select the “Activate” option.  
When prompted, click “OK” to activate.

**SIMULATE/TEST THE APPLICATION**

To test your application, choose the *Simulate Application* item from the drop down list in the main menu bar.

To simulate a transaction enter the Customer MSISDN, Keyword and click the “Send to Brand Mobiliser” button.

Enter your name and click the “Send to Brand Mobiliser” button again.  
You should see a response similar to the following:

Enter a name and click the “Send to Brand Mobiliser” button.  
Using the name “Jon” you should see a message similar to the following:

| Direction | Sender     | Application | Receiver   | Message   |
|-----------|------------|-------------|------------|---|
| OUT       | 11111      | Lab5a       | 8055551212 | Hello there Jon!  |
| N         | 8055551212 | Lab5a       | 11111      | Jon   |
| OUT       | 11111      | Lab5a       | 8055551212 | Hello World!<br>Please provide you name for a greeting: |

© 2013 SAP AG. All rights reserved.

SAP, R/3, SAP NetWeaver, Duet, PartnerEdge, ByDesign, SAP BusinessObjects Explorer, StreamWork, SAP HANA, and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP AG in Germany and other countries.

Business Objects and the Business Objects logo, BusinessObjects, Crystal Reports, Crystal Decisions, Web Intelligence, Xcelsius, and other Business Objects products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of Business Objects Software Ltd. Business Objects is an SAP company.

Sybase and Adaptive Server, iAnywhere, Sybase 365, SQL Anywhere, and other Sybase products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of Sybase Inc. Sybase is an SAP company.

Crossgate, m@gic EDDY, B2B 360°, and B2B 360° Services are registered trademarks of Crossgate AG in Germany and other countries. Crossgate is an SAP company.

All other product and service names mentioned are the trademarks of their respective companies. Data contained in this document serves informational purposes only. National product specifications may vary.

These materials are subject to change without notice. These materials are provided by SAP AG and its affiliated companies ("SAP Group") for informational purposes only, without representation or warranty of any kind, and SAP Group shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP Group products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

