Integration Test

Application Test

Pre requirements

1. Check out the latest code from the Git SCM.

2. Install ofono-phonesim

Test Procedure
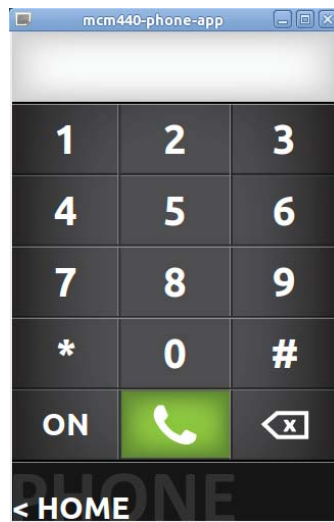
Start *ofono-phonesim* and check the functionality.

> ofono-phonesim -p 12345 -gui ~/OpenEmbedded/ofono-phonesim/default.xml
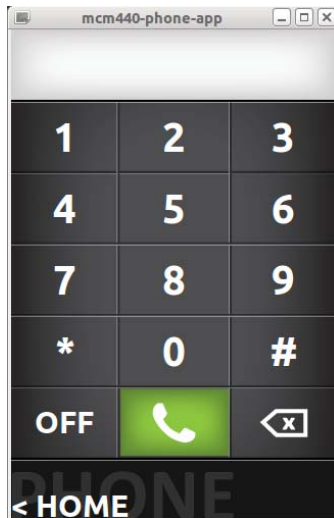
A.) Call Handling
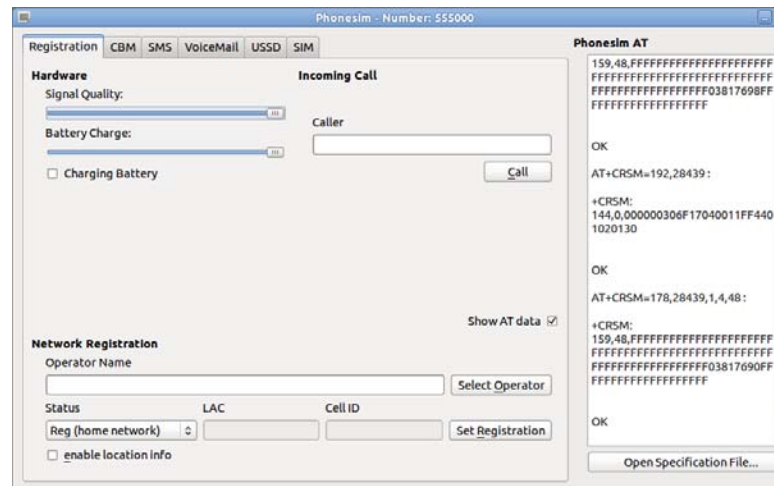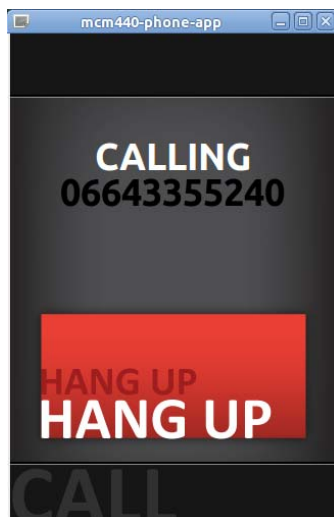
1.) Start the application

2.) Click on "PHONE"

3.) Turn the Modem on

>> Ofono-phonesim **must** pop up

4.) Enter a number and hit the dial button. The Applications changes to the *outGoingCall* state.
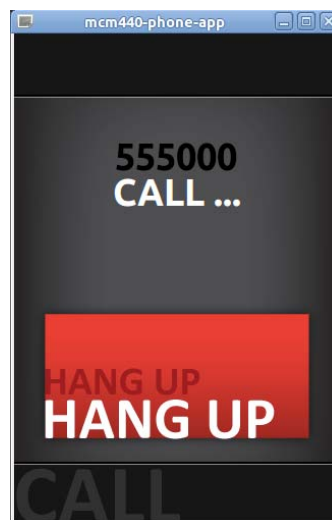
5.) Hit "HANG UP". The application returns to the main screen.

6.) Hit the "Call" Button from the ofono-phonesim "Registration" tab. The application changes to the *inComingCallState*.

7.a) Hit "ACCEPT" to accept the call. The Applications changes to the *handlingCallState*. Hit "HANG UP" to return to the main screen.

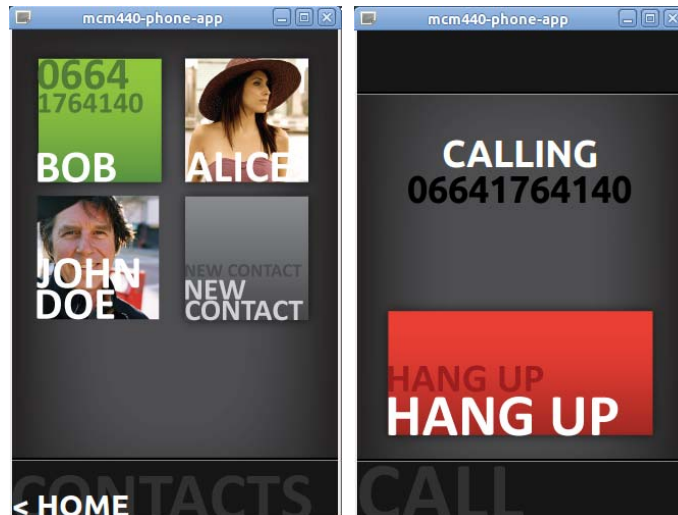7.b) Hit "DENY". The application returns to the main screen

B.) Address Book

1.) Hit "CONTACTS" on the main screen. The application changes to the *addressBookState*

2.) Click on an address entry to view its number. Click again to initialize a call.

Bitbake image Test

Pre requirements

1. Verify that you are able to build the default Angstrom base-image

2. Check out our OpenEmbedded configuration files

Test Procedure

Source the OpenEmbedded environment variables from your home folder.

    $ source .oe/environment

Change to the Angstrom build folder

    $ cd angstrom/build

Build our image

    $ bitbake mcm440-phone-app-image

After a successful build you can find the image in the folder
/home/USER_NAME/angstrom/build/tmp_angstrom_2008_1/deploy/glibc/images/beagleboard.