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Platform	S60	Tested on devices	N95, N96
Category	Python	Subcategory	Location Based Services

Keywords (APIs, classes, methods, functions): cellid, gsm ,audio

Overview

Sometimes, it happens that you are traveling and you know the "destination's cell id", but want to sleep for while. Just enter the cell id of the destination and you will be woken up by the alarm.

Preconditions

The user of this script should know the cellid of the destination place where the user wants to set the alarm.

Proposed Solution

Just use this code, it will trigger alarm as soon as cell id of the location matches with the cell id you input,

```
import appuifw
import e32
import location
from graphics import *
from audio import *
import globalui

def run():
    abc=0
    f = "e:\\Python\\Alarm.mp3" # Could be changed, this is what you will hear
    data=appuifw.query(u"enter the cell id","number")

    while abc == 0:
        xyz=location.gsm_location()
        if(xyz[3] == data):
```

Cell_id_and_alarm

```
abc = 1
globalui.global_note(u"Alarm Activated please wake up",'wait')
s = Sound.open(f)
s.play(KMdaRepeatForever)      # Alarm will play until Network is available.

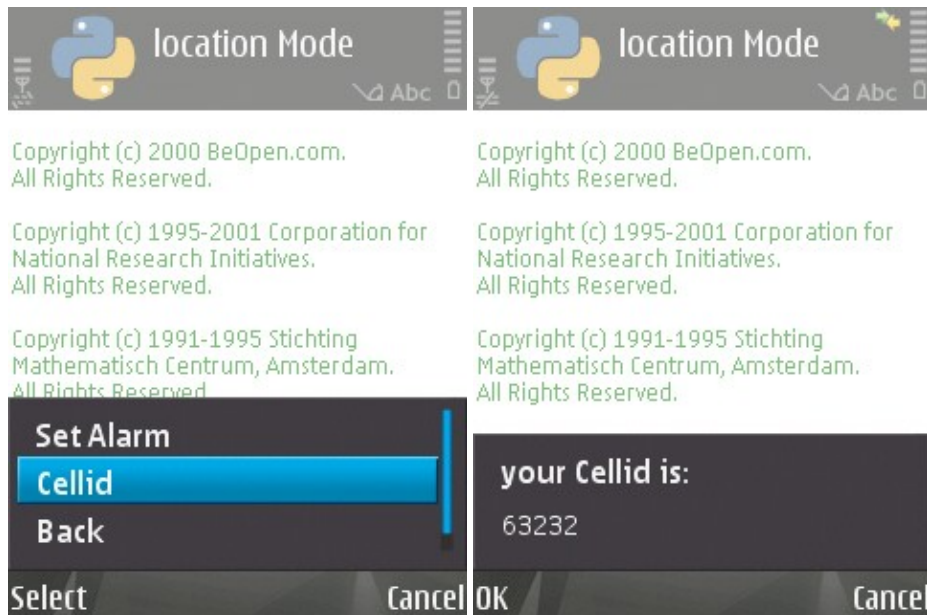
def loc():

    l = location.gsm_location()[3]
    print l
    globalui.global_msg_query(u""+str(l),u"your Cellid is:",7)

def quit():
    app_lock.    signal()
    appuifw.    app.set_exit()

appuifw.app.title = u"location Mode"
appuifw.app.menu = [(u"Set Alarm",run),(u"Cellid",loc),(u"Back",quit)]
appuifw.app.exit_key_handler = quit      # Press "Quit" to quit application.
app_lock = e32.Ao_lock()
app_lock.wait()
```

Postconditions





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