Archived:Alarm at specified cell id using PySymbian

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This article shows how to set a notification based on the current cell id in Python on Symbian. This might be useful while travelling to be woken up on arrival.

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):

                    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"
```


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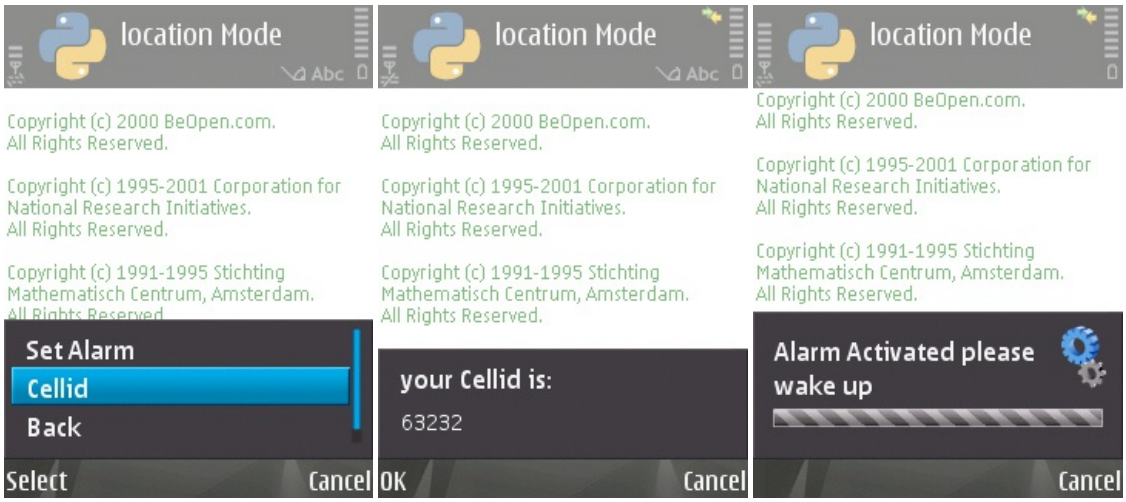
```
appuifw.app.menu = [(u"Set Alarm",run),(u"Cellid",loc),(u"Back",quit)]
appuifw.app.exit_key_handler = quit         # Press "Quit" to quit application.
app_lock = e32.Ao_lock()
app_lock.wait()
```

Postconditions



Related Wiki Links

Archived:How to get info on cell location in PySymbian

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