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**Keywords (APIs, classes, methods, functions):** Axyz

## Overview

The accelerometer can be used to check the orientation of the mobile device using the [axyz module](#) of [Cyke64](#) in [python](#). Here is a test script for axyz which is automatically installed when installing the axyz module on the device.

## Preconditions

The device should have accelerometer sensor. Check [Nokia Sensor APIs](#)

```
# Import the extension
import e32
import axyz

# Define some service function - must take 3 parameters (8 bit int's)

def printout(x,y,z):
    print "x: %i y: %i z: %i"%(x,y,z)

# Data acquisition callbacks will start as soon as a valid Python function is registered
axyz.connect(printout)

#
#
#... Data acquisition callbacks will commence and ended after 15 secs
#
#

e32.ao_sleep(15)

# Unregister to stop data acquisition callbacks.
axyz.disconnect()
```

## Related Links

[The aXYZ - a sensor extension for Python](#)