

Archived:File Selection in PySymbian

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All [PySymbian](#) articles have been archived. PySymbian is no longer maintained by Nokia and is not guaranteed to work on more recent Symbian devices. It is not possible to submit apps to Nokia Store.

Below is the code for class to select a file in a directory tree in [PySymbian](#):

```
import os

class FileSelector:
    def __init__(self,dir=".",ext='.jpg'):
        self.dir = dir
        self.ext = ext
        self.files = {}

    def iter(fileselector,dir,files):
        for file in files:
            b,e = os.path.splitext(file)
            if e == fileselector.ext:
                fileselector.files[u'%s' % b] = os.path.join(dir,file)

    os.path.walk(self.dir,iter,self)
    self.sortedkeys = self.files.keys()
    self.sortedkeys.sort()

    def GetKeys(self):
        return self.sortedkeys

    def GetFile(self,index):
        return self.files[self.sortedkeys[index]]
```

How to use this code

A simple example to select an image in a subdirectory:

```
import appuifw
import fileselector

def Main():
    selector = FileSelector("e:\\images",".jpg")
    index = appuifw.selection_list(selector.GetKeys())
    if index is not None:
        appuifw.note(u"File %s selected." % selector.GetFile(index), "info")
    else:
        appuifw.note(u"No file selected.", "info")

Main()
```

