Python安裝其他模組 :

在shell下視窗輸入

pip install numpy(模組名稱)

#PyQt UI Example

import sys

from PyQt4.QtCore import \*

from PyQt4.QtGui import \*

class filedialogdemo(QWidget):

def \_\_init\_\_(self, parent = None):

super(filedialogdemo, self).\_\_init\_\_(parent)

layout = QVBoxLayout()

self.btn = QPushButton("QFileDialog static method demo")

self.btn.clicked.connect(self.getfile)

layout.addWidget(self.btn)

self.le = QLabel("Hello")

layout.addWidget(self.le)

self.btn1 = QPushButton("QFileDialog object")

self.btn1.clicked.connect(self.getfiles)

layout.addWidget(self.btn1)

self.contents = QTextEdit()

layout.addWidget(self.contents)

self.setLayout(layout)

self.setWindowTitle("File Dialog demo")

def getfile(self):

fname = QFileDialog.getOpenFileName(self, 'Open file',

'c:\\',"Image files (\*.jpg \*.gif)")

self.le.setPixmap(QPixmap(fname))

def getfiles(self):

dlg = QFileDialog()

dlg.setFileMode(QFileDialog.AnyFile)

dlg.setFilter("Text files (\*.txt)")

filenames = QStringList()

if dlg.exec\_():

filenames = dlg.selectedFiles()

f = open(filenames[0], 'r')

with f:

data = f.read()

self.contents.setText(data)

def main():

app = QApplication(sys.argv)

ex = filedialogdemo()

ex.show()

sys.exit(app.exec\_())

if \_\_name\_\_ == '\_\_main\_\_':

main()

#regular expression sample

'''

match "[^{]\*" $name // remove all strings after meet first "{" >> c:/aa/ss/bb/[aa.ma](http://aa.ma){1} -> c:/aa/ss/bb/[aa.ma](http://aa.ma)

match "\\.[0-9]\*$" $name // get label info. Start from end to get number strings until meet first "." >> mumu\_low.3.a.b.0225 -> .0225

match "^[^\.]\*" $name // remove all strings after meet first "." >> mumu\_low.3.a.b.c -> mumu\_low

match "[^\_]\*$" $name // Start from end to get strings until meet first "\_" >> mumu\_low\_3\_a\_b\_c -> c

substitute "\_[^\_]\*$" $name "" // remove last uder-line and strings after it >> mumu\_A\_low --> mumu\_A

match "[^\_]\*" $name // remove string when meet the first under\_line>> mumu\_A\_low --> mumu

'''

import re

print re.search(r'\.[0-9]\*$', 'mumu\_low.3.a.b.0225').group()

lines = [ line.rstrip() for line in open('/Users/mac/Desktop/[test.ma](http://test.ma)') ]

print lines

for line in open('/Users/mac/Desktop/[test.ma](http://test.ma)'):

print line

import os

from os.path import join, getsize

i = 0

for root, dirs, files in os.walk('/Users/mac/Library/Preferences/Autodesk/maya/2012-x64/'):

print '--------\n'

print root

print dirsprint files

f = os.listdir('/Users/mac/Library/Preferences/Autodesk/maya/2012-x64')

print f

map(lambda x,y:x+y, [0,1,2,3], [1,1,1,1])

=> [1,2,3,4]

filter((lambda x : x > 0), range(-5,5))

=> [1,2,3,4]

reduce((lambda x, y : x + y), [1,2,3,4])

=> 10

[x\*\*2 for x in range(10) if x%2 == 0 ]

=> [0,4,16,36,64]

#query input value of UI inMaya

import maya.cmds as cmds

window = cmds.window( title="test", widthHeight=(200, 200) )

cmds.columnLayout()

TFB = cmds.textFieldButtonGrp( label='Label', text='Text', buttonLabel='Button' )

cmds.button( label='PRINT', co

mmand=('n = cmds.textFieldButtonGrp(\"' + TFB + '\", q=1, text=1 );print n') )

cmds.setParent( '..' )

cmds.showWindow( window )

#Maya UI Example

import maya.cmds as cmds

class myUI:

def \_\_init\_\_(self):

[self.name](http://self.name) = "myUI"

self.title = "TEST"

if (cmds.window([self.name](http://self.name), q=1, exists=1)): cmds.deleteUI([self.name](http://self.name))

self.win = cmds.window([self.name](http://self.name), title=self.title, w=300, h=200)

self.layout = cmds.columnLayout(parent=self.win)

value = 2

cmds.floatSlider( cc="print '%(1)s'" )

cmds.button(label="example1", c = self.func1 )

cmds.button(label="example4", c = (lambda : self.func3(value)))

cmds.showWindow(self.win)

def func1( self, \*args ):

print "simple callback"

def func3( self, v ):

print "value is %s" % str(v)

myUI()