

# Jython JFileChooser 1

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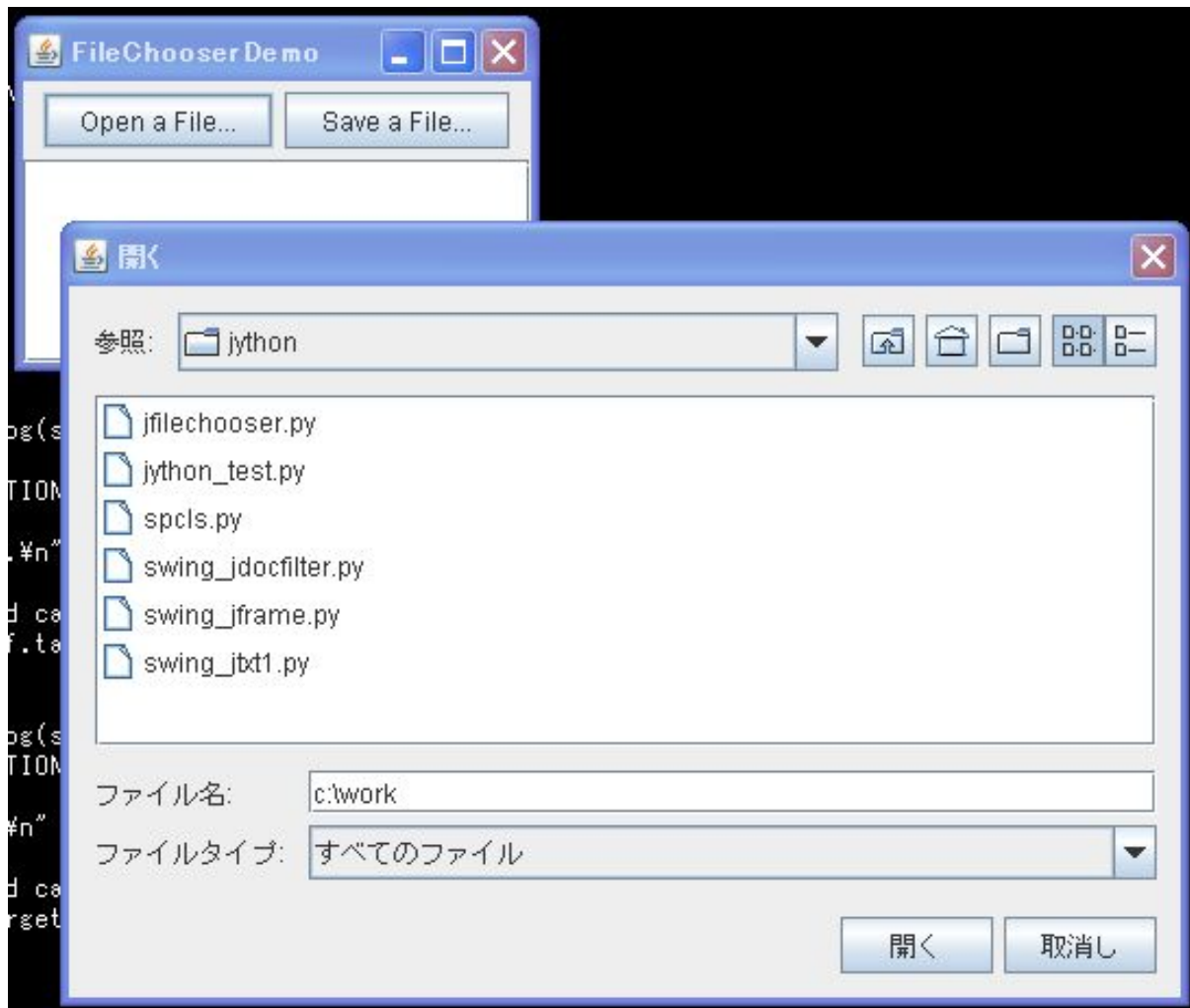
## 方針

以下を参考に、[Jython](#) でファイル選択を実装してみる

- ・ <http://java.sun.com/docs/books/tutorial/uiswing/components/filechooser.html>

## ソースコード

## 実行例





## ソースコード

```
# -*- coding: utf-8 -*-

from java.lang import *
from java.io import *
from java.awt import *
from java.awt.event import *
from javax.swing import *
from javax.swing.filechooser import *

class JFileChooserTest(JPanel):
    def __init__(self):
        super(JFileChooserTest, self).__init__(BorderLayout())

        self.log = JTextArea(5, 20)
        self.log.margin = Insets(5,5,5,5)
        self.log.editable = False
        logScrollPane = JScrollPane(self.log)

        self.fc = JFileChooser()

        self.openButton = JButton("Open a File...")
        self.saveButton = JButton("Save a File...")

        lsnr = ButtonListener(self)
        self.openButton.addActionListener(lsnr)
        self.saveButton.addActionListener(lsnr)

        buttonPanel = JPanel()
        buttonPanel.add(self.openButton)
        buttonPanel.add(self.saveButton)

        self.add(buttonPanel, BorderLayout.PAGE_START)
        self.add(logScrollPane, BorderLayout.CENTER)

    def createUI(self):
        frame = JFrame("FileChooserDemo")
        frame.defaultCloseOperation = JFrame.EXIT_ON_CLOSE
        frame.add(self)
        frame.pack()
        frame.visible = True

class ButtonListener(ActionListener):
    def __init__(self, target):
        self.target = target

    def actionPerformed(self, e):
        if e.source is self.target.openButton:
            returnVal = self.target.fc.showOpenDialog(self.target)

            if returnVal == JFileChooser.APPROVE_OPTION:
                file = self.target.fc.selectedFile
                self.target.log.append("Opening: %s.%n" % file.name)
            else:
                self.target.log.append("Open command cancelled by user.%n")
                self.target.log.caretPosition = self.target.log.document.length
```

```
elif e.source is self.target.saveButton:
    returnVal = self.target.fc.showSaveDialog(self.target);
    if returnVal == JFileChooser.APPROVE_OPTION:
        file = self.target.fc.selectedFile
        self.target.log.append("Saving: %s.%n" % file.getName())
    else:
        self.target.log.append("Save command cancelled by user.%n")
        self.target.log.caretPosition = self.target.log.document.length

class Invoker(Runnable):
    def run(self):
        # Java Look & Feel(Metal) のデフォルトでボールドフォントを使用しない
        UIManager.put("swing.boldMetal", Boolean.FALSE)
        sample = JFileChooserTest()
        sample.createUI()

SwingUtilities.invokeLater(Invoker())
```