

Interface Homme Machine

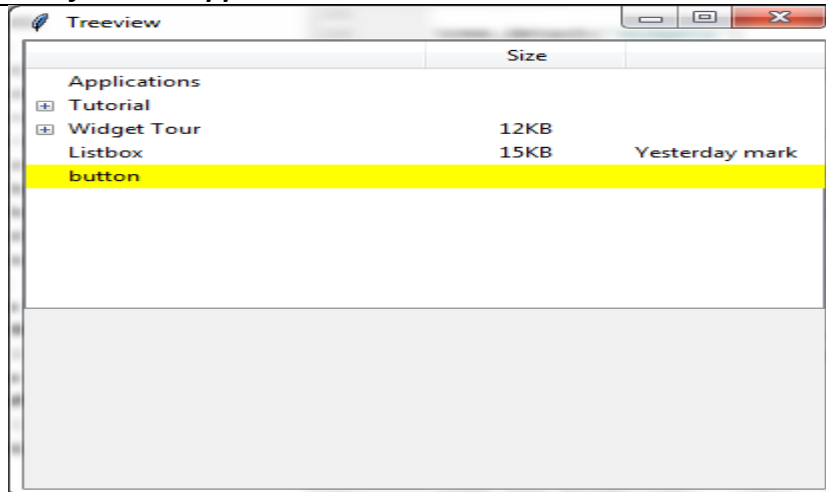
Python-Tkinter

Travaux Pratiques N° 9

Objetif :

- Etudier des contrôles du module ttk qui sont:
 - ✓ Treeview
 - ✓ Notebook
 - ✓ Toplevel

Interface de l'application



Code de l'application

```
from tkinter import Tk, BOTH
from tkinter.ttk import Frame, Treeview

root = Tk()
root.title("Treeview")
root.geometry("400x400+100+100")
frame1 = Frame(root)
frame1.pack(fill = BOTH, expand = True)

tree = Treeview(frame1)
# Inserted at the root, program chooses id:
tree.insert(parent='', index='end', iid='widgets', text='Widget Tour')

# Same thing, but inserted as first child:
tree.insert(parent='', index=0, iid='gallery', text='Applications')

# Treeview chooses the id:
id = tree.insert(parent='', index='end', text='Tutorial')

# Inserted underneath an existing node:
tree.insert(parent='widgets', index='end', text='Canvas')
tree.insert(parent=id, index='end', text='Tree')

tree.move('widgets', 'gallery', 'end') # move widgets under gallery
```

```

tree.detach('widgets')

tree.move('widgets', '', 'end') # move widgets to the root

#tree.delete('widgets')
tree['columns'] = ('size', 'modified')

tree.column('size', width=100, anchor='center')
tree.heading('size', text='Size')
tree.insert('', 'end', text='Listbox', values=('15KB', 'Yesterday mark'))

tree.set('widgets', 'size', '12KB')
size = tree.set('widgets', 'size')
print(size)

tree.insert('', 'end', text='button', tags=('ttk', 'simple'))
tree.tag_configure('ttk', background='yellow')

def itemClicked(event):
    lst = tree.focus()
    print(lst)

tree.tag_bind('ttk', '<1>', itemClicked) # the item clicked can be found
via tree.focus()

tree.pack()
root.mainloop()

```