P **Python**
T U T O R I A L

Tkinter Separator

Summary: in this tutorial, you'll learn how to use the Tkinter Separator widget to display a thin horizontal or vertical rule between groups of widgets.

Introduction to the Tkinter Separator widget

A separator widget places a thin horizontal or vertical rule between groups of widgets (https://www.pythontutorial.net/tkinter/tkinter-ttk/) .

To create a separator widget, you use the `ttk.Separator` constructor like this:

```
sep = ttk.Separator(container,orient='horizontal')
```

The `orient` option can be either `'horizontal'` or `'vertical'` .

The following example illustrates how to use a separator widget to separate two labels (https://www.pythontutorial.net/tkinter/tkinter-label/) :

```
import tkinter as tk
from tkinter import ttk
```
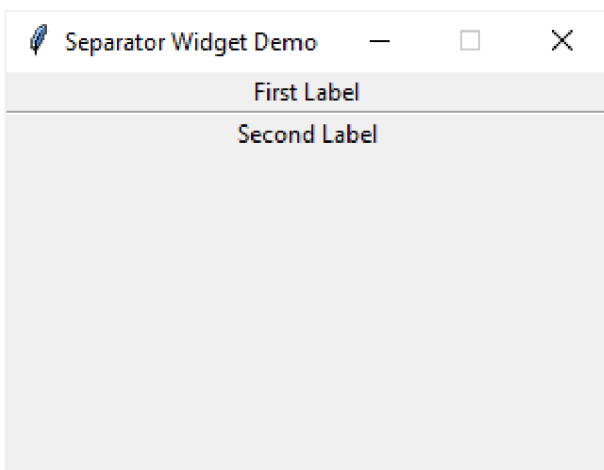
```python
root = tk.Tk()
root.geometry('300x200')
root.resizable(False, False)
root.title('Separator Widget Demo')


ttk.Label(root, text="First Label").pack()


separator = ttk.Separator(root, orient='horizontal')
separator.pack(fill='x')
ttk.Label(root, text="Second Label").pack()


root.mainloop()
```

Output:

Notice that the size of a separator is 1px. Therefore, you need to set the `fill` or `sticky` property to adjust its size.

Summary

- Use a separator widget to place a thin horizontal or vertical rule between groups of widgets.

- Remember to set the `fill` or `sticky` property to adjust the size of the separator.