

Passing async function in tkinter.button

Asked 1 year, 11 months ago Active 1 year, 11 months ago Viewed 1k times



I'm making an application to request some data from an api and wanted to integrate a GUI. If needed i can provide the code for wilib2

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```
from tkinter import *
import asyncio
import aiohttp
import wilib2
entries = []
class WarframeEntry():
    def __init__(self, entry_name):
        self.name = entry_name

window = Tk()
window.title("Test App")
window.geometry('600x450')
lbl = Label(window, text="Enter Item Id:")
lbl.grid(column=0, row=0)
textBox = Entry(window, width=20)
textBox.grid(column=1, row=0)
async def updateDisplay():
    async with aiohttp.ClientSession() as session:
        htmls = await wilib2.fetch_all(session, entries)
        for item in htmls:
            text = Label(window, text=item['item_name'])
async def addNewEntry():
    entries.add(textBox.get())
    await updateDisplay()
btn = Button(window, text="Search", command=lambda: await
asyncio.ensure_future(addNewEntry))
btn.grid(column=3, row=0)
window.mainloop()
```

python tkinter aiohttp

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asked May 30 '19 at 6:46



[martinossipa](#)

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```
def handler():  
    loop = asyncio.new_event_loop()  
    ss = loop.run_until_complete( async_function )  
    loop.close()
```



See [calling async functions in sequential code](#) for more details

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edited May 30 '19 at 9:42

answered May 30 '19 at 7:04



[napuzba](#)

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