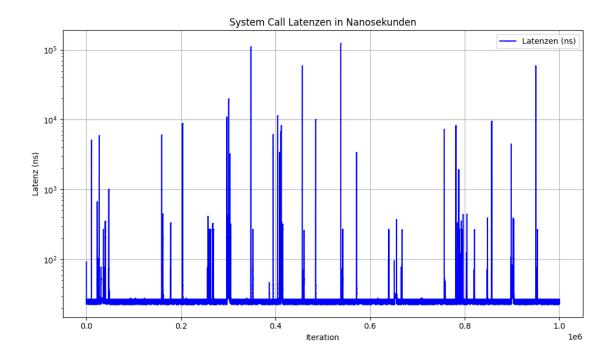
## TimeContext

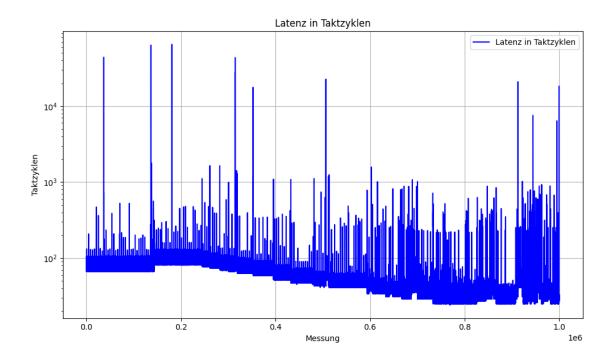
## November 19, 2024

```
[1]: import matplotlib.pyplot as plt
     import pandas as pd
     latencies = []
     with open("latencies.txt", "r") as file:
         for line in file:
             latencies.append(int(line.strip()))
     plt.figure(figsize=(10, 6))
    plt.plot(latencies, label="Latenzen (ns)", color='blue', linestyle='-', __
      →marker='.', markersize=1)
     plt.title("System Call Latenzen in Nanosekunden")
    plt.xlabel("Iteration")
     plt.ylabel("Latenz (ns)")
    plt.yscale('log')
    plt.grid(True)
    plt.legend()
     plt.tight_layout()
    plt.show()
```



```
[2]: mean_syscall = pd.Series(latencies).mean()
mean_syscall
```

## [2]: 25.836756



[10]: print(f'Durchschnittliche Zeit eines Syscalls ohne Ausführung der Abfrage:

→{mean\_syscall - tz\_in\_ns(avg\_tz, 3.0):.2f} ns')

Durchschnittliche Zeit eines Syscalls ohne Ausführung der Abfrage: 8.09 ns