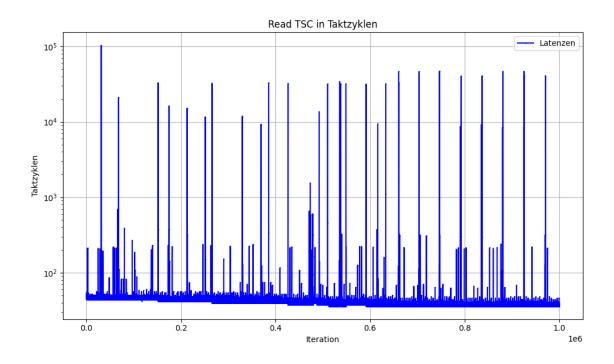
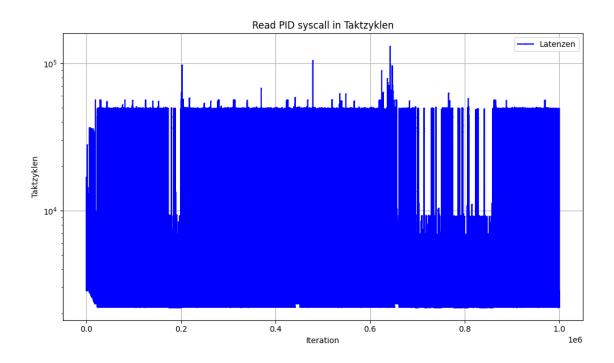
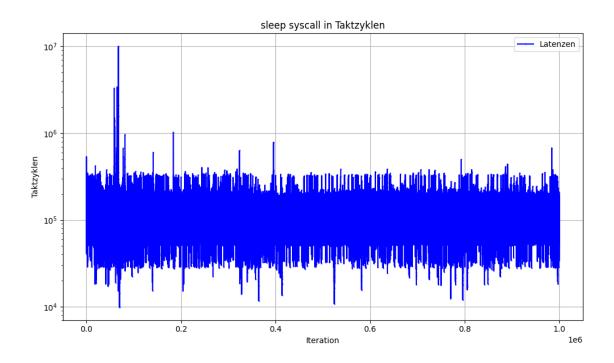
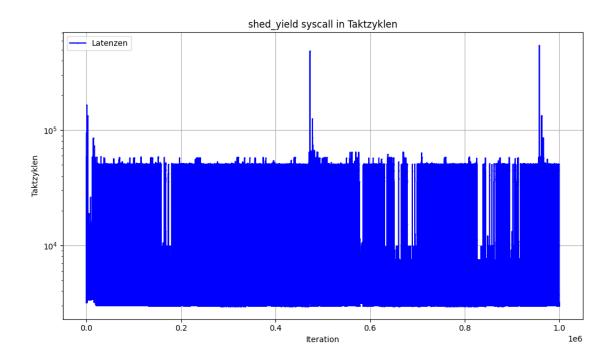
## TimeContext

## December 1, 2024









```
[6]: # Prozessortaktfrequenz in GHz
prozessorschwindigkeit = 2.592005
```

```
[7]: tsc_mean = tsc['Latenz_tz'].mean()
tsc_min, tsc_max = tsc['Latenz_tz'].min(), tsc['Latenz_tz'].max()
f'TSC Taktzyklen: {tsc_mean:.2f}, {tsc_mean / prozessorschwindigkeit:.2f} ns

→Min: {tsc_min}, Max: {tsc_max}'
```

[7]: 'TSC Taktzyklen: 42.31, 16.32 ns Min: 36, Max: 103188'

```
[8]: pid_mean = pid['Latenz_tz'].mean()
pid_min, pid_max = pid['Latenz_tz'].min(), pid['Latenz_tz'].max()
f'TSC Taktzyklen: {pid_mean:.2f}, {pid_mean / prozessorschwindigkeit:.2f} ns_

→Min: {pid_min}, Max: {pid_max}'
```

[8]: 'TSC Taktzyklen: 2362.00, 911.26 ns Min: 2202, Max: 130268'

```
[9]: sleep_mean = sleep['Latenz_tz'].mean()
sleep_min, sleep_max = sleep['Latenz_tz'].min(), sleep['Latenz_tz'].max()
f'TSC Taktzyklen: {sleep_mean:.2f}, {sleep_mean / prozessorschwindigkeit:.2f}_
ons Min: {sleep_min}, Max: {sleep_max}'
```

[9]: 'TSC Taktzyklen: 162670.45, 62758.54 ns Min: 9890, Max: 10024418'

```
[10]: shed_yield_mean = shed_yield['Latenz_tz'].mean()
shed_yield_min, shed_yield_max = shed_yield['Latenz_tz'].min(),

shed_yield['Latenz_tz'].max()

f'TSC Taktzyklen: {shed_yield_mean:.2f}, {shed_yield_mean /_

prozessorschwindigkeit:.2f} ns Min: {shed_yield_min}, Max: {shed_yield_max}'
```

[10]: 'TSC Taktzyklen: 3216.38, 1240.89 ns Min: 2962, Max: 543972'