

static:

Anweisungen:

```
gcc -c matrixOps.c
ar rcs libmatrixOps.a matrixOps.o
gcc 10_modularitaet_01.c -L./include -lmatrixOps
```

Zeiten:

```
gcc -c matrixOps.c:
real 0m0,054s
user 0m0,044s
sys 0m0,010s
```

```
ar rcs libmatrixOps.a matrixOps.o:
real 0m0,008s
user 0m0,005s
sys 0m0,000s
```

```
gcc 10_modularitaet_01.c -L./include -lmatrixOps:
real 0m0,074s
user 0m0,047s
sys 0m0,018s
```

```
./a.out:
real 0m0,002s
user 0m0,003s
sys 0m0,000s
```

Shared:

Anweisungen:

```
gcc -c -fPIC matrixOps.c
gcc -shared -o libmatrixOps.so matrixOps.o
gcc 10_modularitaet_01.c -L./include -lmatrixOps
LD_LIBRARY_PATH=./include:$LD_LIBRARY_PATH ./a.out
```

Zeiten:

```
gcc -c -fPIC matrixOps.c:
real 0m0,060s
user 0m0,046s
sys 0m0,012s
```

```
gcc -shared -o libmatrixOps.so matrixOps.o:
real 0m0,039s
user 0m0,022s
sys 0m0,017s
```

```
gcc 10_modularitaet_01.c -L./include -lmatrixOps:
real 0m0,069s
user 0m0,039s
sys 0m0,029s
```

```
LD_LIBRARY_PATH=./include:$LD_LIBRARY_PATH ./a.out:
real 0m0,003s
user 0m0,001s
sys 0m0,002s
```