

Shared Libs and Project Executable that runs with shared libs

creation of shared libs

- `g++ -pie --shared names.cpp -o names.so`

compiling executable using shared libs

- `gpp -o main.o -c main.cpp`
- `gpp -o main main.o names.so`

running the newly created executable that uses the shared libs at runtime

- `LD_LIBRARY_PATH=. ./main-shared`

```
> nm main-static | grep name
000000000000013b3 T _Z4nameB5cxx11i

...bin/shared-libs/exmp
> nm main-shared | grep name
U _Z4nameB5cxx11i
```