Dynamic Linking We learned about static Linking LINKERT Executable

In Static linking what is linked statically gets dumped into the executable. What about using a HUGE library? Every executable using it would be HUGE too! How about using a Shared library? Sure why not. We link to it (mostly) at run time

Executable main () etc() Foo() // Stub
if shared library in which "Real" Food)
lives has not been loaded: Try loading it die. If real Fool) has not been found: Ity to Find it Try failure, die Branch to real Foo()

Shared library
TOC: 7 Real Foo() \(\varepsilon\)
Real Foo() \(3\)

Dynamic Linking On windows On winner.

* I's has stubs code

"dil has "real" code

"dil means "dynamically (loaded) Library"

METN LIBFOO

METN LIBFOO Executable Ondisk: In Memory: