Static and Shared Libraries Interview Questions And Answers Guide.

Static and Shared Libraries Job Interview Preparation Guide.

Question # 1

Which one of the following command can list the symbols defined in a library?
a) mn
b) nm
c) nn
d) mm

Answer:-

b) nm

Question # 2

In linux, the static libraries are mostly installed in:
a) /usr/lib
b) /usr/local/lib
c) both (a) and (b)
d) none of the mentioned

Answer:-

c) both (a) and (b)

Question # 3

The archive(ar) utility in linux can:
a) create a new static library
b) insert the object files into the static library
c) replace the object files into the static library
d) all of the mentioned

Answer:-

d) all of the mentioned

Question # 4

To use the static library in the program:
a) header file must be provided to in the source code
b) path for the library must be specified
c) both (a) and (b)
d) none of the mentioned

Answer:-

c) both (a) and (b)

Question # 5

If a program is linked against a static library then:
a) machine code of the used function is copied in the executable
b) used function definition is copied into the preprocessd code
c) used function definition is provided at the time of compiling
d) none of the mentioned

Answer:-

a) machine code of the used function is copied in the executable

Question # 6

Which gcc option is used to specify the library?
a) -c
b) -l
c) -a
d) -o

Answer:-

b) -l

Question # 7

Libraries can be linked with ____ to create executables.
a) other libraries
b) other object files
c) both (a) and (b)
d) none of the mentioned

Answer:-

c) both (a) and (b)

Question # 8

In Linux, the static libraries can be created by:
a) ar command
b) as command
c) ap command
d) aq command

Answer:-

a) ar command

Question # 9

The library contains the:
a) pre-compiled object files
b) source files
c) header files
d) none of the mentioned

Answer:-

a) pre-compiled object files

Question # 10

In linux shared libraries has the extension of:
a) .so
b) .si
c) .sl
d) none of the mentioned

Answer:-

a) .so

Question # 11

Shared libraries can be shared between:
a) various running programs
b) only 2 running programs
c) only 8 running programs
d) none of the mentioned

Answer:-

a) various running programs

Question # 12

In linux, shared library is a:
a) text file
b) binary file
c) device file
d) none of the mentioned

Answer:-

b) binary file

Question # 13

In GCC compiler, "-shared" option is given to create the shared library with:
a) source files
b) object files
c) executables
d) none of the mentioned

Answer:-

b) object files

Question # 14

After using the shared library, memory can be done free by calling:
a) dlclose
b) slclose
c) lclose
d) none of the mentioned

Answer:-

a) dlclose

Question # 15

When a program is linked with a shared library:
a) only a small table is created in the executable
b) executable contains the whole content of respective .so file
c) executable contains nothing related with the shared libraries
d) none of the mentioned

Answer:-

a) only a small table is created in the executable

Question # 16

For a shared library, version number is changed when:
a) changes done in code make the shared library incompatible with the previous version
b) changes done in code does not make the shared library incompatible with the previous version
c) when minor number is changed
d) none of the mentioned

Answer:-

a) changes done in code make the shared library incompatible with the previous version

Question # 17

Which command can be used to update the shared library system?
a) lconfig
b) ldconfig
c) slconfig
d) none of the mentioned

Answer:-

b) ldconfig

Question # 18

Shared libraries are linked with the program:
a) at the time of creation of executable
b) at the run time
c) both (a) and (b)
d) none of the mentioned

Answer:-

b) at the run time

Question # 19

Which option of GCC compiler provides the linking with shared libraries?
a) -lmylib
b) -lib

c) -mylib
d) none of the mentioned

Answer:-

a) -lmylib

Read More Answers.

Question # 20

In Linux, the static library has the extension of:
a) .a
b) .b
c) .c
d) .d

Answer:-

a) .a

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