

Minix Overview Frequently Asked Questions

These are some general questions on Minix Operating system. This FAQ section will help to think about what Minix is, its key processes and main areas of functionalities that are involved in Minix.

1. What is Minix? What is difference between pure Minix and the Minix running on Solaris (smx)?
2. Where do we do the development of project, is it in pure minix or in smx? If in pure minix then how do we port the application to smx?
3. When was minix discovered? What are the advantages and disadvantages of the OS? How big is the OS?
4. Is there a debugger for testing the programs in Minix?
5. Is minix a UNIX compatible system? What is the design of the OS?
6. Comment on the modularity of the minix operating system?
7. Can you multiple programs in minix at the same time?
8. Do we have good documentation for the source code that are in the OS?
9. Do minix support networking? Does it have a TCP/IP protocol/layer?
10. Can you explain the architecture of Minix?
11. What the different layers in Minix? And what does each layer represent? Please comment of the functionality involved in each layer
12. What are the core processes or where exactly is the core of the OS code residing?
13. Can you explain the memory manager, file system and kernel process?
14. How does the booting process occur? What are the key points that are involved during the booting procedure?
15. What are the two phases in booting?
16. How does a user level program access the kernel level program or how does the flow of control happen in Minix?
17. Where can I find the set of system calls in Minix?
18. Can you elaborate the important system call working such as read (), write (), open () etc?
19. Is there a standard convention to write a system call? Where do we place our system call entry? Do we have to place it in table.c?

20. Can you explain the steps of creating a simple system call?
21. Where are the binaries created after a program has been successfully compiled?
22. Where are the header files and libraries located in minix?