

Assignment 8

You are provided with the source code of getaddrinfo() function in the following link:

<https://code.woboq.org/userspace/glibc/sysdeps/posix/getaddrinfo.c.html>.

Take some time to go through the code, understanding its functionality and its usage in network diagnostics and configuration during real-time operation.

Note: The function getaddrinfo() converts human-readable text strings representing hostnames or IP addresses into a dynamically allocated linked list of struct addrinfo structures.

Objective: Report the significance of the following header files used in the getaddrinfo() function:

- a) arpa/inet.h
- b) netinet/in.h
- c) sys/socket.h
- d) net/if.h
- e) errno.h
- f) netdb.h
- g) ctype.h
- h) stdbool.h
- i) resolv/resolv-internal.h
- j) resolv/resolv_context.h
- k) resolv/res_use_inet6.h

Submission: Submit your answer in a pdf file with filename as roll_no.pdf on moodle.