TCP Server hints	
getaddrinfo( <b>NULL, "0",</b> &hints, &result); // ANY Port	
$sock_fd = socket()$	
// Later, after calling ( <i>In Cl? Spot the mistake</i> (what's missing?)	
struct sockaddr_in sin;	1 ( )
socklen_t socklen = sizeof(sin);	ins ( p )
if (getsockname(sock_fd, (struct sockaddr *)&sin, &socklen) == 0) printf("port %d\n", sin.	sin_port);
See also : Reusing ports.	

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Paths ".""""fool/foo2" velative pathvs"/bar1/bar2"? Glosolute pathExample of relative path?"elative path $a/c$
What is an absolute path? /home $\int Sam \left  \Omega \right  C$
<pre>What if I need the Absolute Canonical Path? int main() { char* path = realpath(".//",NULL); puts(path); free(path); return 0; }</pre>
<pre>Casestudy: Use realpath to secure file access of a webserver? char* canonbasepath = realpath(basedir,NULL); asprintf( &amp;file, "%s/%s", canonbasepath , url ); puts(file)</pre>

File systems are block-based. Why make disk blocks the same size as memory pages?

What do we want to store for each file? $data \qquad fym \qquad data \qquad data$	mine type permission owner	Name	ئ	ח טר	a port of	tile >
size Norm						

What is an inode? Which of the above items is stored in the inode?

Connection between inode & stat?



In the following examples assume an ext2 filesystem with 4KB disk blocks. Files use 10 direct blocks and 2^32 addressable disk blocks.

- 1. How many indirect blocks can be referenced?
- 2. How large is the file (in blocks of data) if the indirect block index is half full?
- 3. What is the total number of blocks used (ignore the inode entry in the inode array)?

