

1. Send ascii values and binary values through a pipe.
2. Two level page tables as C code.
3. Use dprintf and fdopen, sscanf with pipes. Gotchas
4. How to use fseek to extend a file
5. How to use a named pipe
6. How would you fix/improve this code?

<pre>pthread_mutex_t m; pthread_cond_t cv; int in, out, count; void* buffer[16] void enqueue(void* ptr) { p_m_lock(&m); while(count < 16) {} pthread_mutex_unlock(&m); p_cond_broadcast(&cv); count ++; buffer[(in++) % 16] = ptr; }</pre>	<pre>void* dequeue() { p_m_lock(&m); while(count == 0) {} void* result = buffer[(out++) % 16]; p_cond_broadcast(&cv); pthread_mutex_unlock(&m); count --; return result; }</pre>
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