

## libretools - Bug #1313

### [distcc-tool] Job management/error handling isn't robust

2017-05-04 01:59 AM - lukeshu

<b>Status:</b> open	<b>% Done:</b> 0%
<b>Priority:</b> bug	
<b>Assignee:</b>	
<b>Category:</b>	
<b>Description</b>	
As proud of it as as I was for its robustness when I wrote it, at the end of the day, bash can't robustly find out about errors from socat.	
A rewrite in Perl is probably in order.	

#### History

##### #1 - 2017-05-04 02:04 AM - lukeshu

If I'd written it after indent (the first bit of Perl in libretools), I probably would have written it in Perl. But, I wrote distcc-tool while I was still first learning Perl, and 4 months before indent; 4 months before I evaluated Perl as being safe to use inside a chroot.

##### #2 - 2018-10-02 05:24 PM - lukeshu

Rewriting it in Perl would also allow it to ask the kernel for random unused ports, instead of counting up from 8000. Not that we expect there to be a collision; since it's in the chroot's private network namespace, there shouldn't be anything on any ports.

##### #3 - 2018-10-04 07:29 PM - lukeshu

Wait, the list of ports has to be deterministic across multiple runs of distcc-tool rewrite.