Anti-Parrallelism
Why and Where have “We” Gone Wrong™: A Personal, Passionate and Pragamatic Polemic.

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Because “the boss says so”.

- The incumbents know best, don’t they? They wrote the code!
- Did they enjoy using “mangletons”?
  - Shared-state is evil!
  - In the C++ code I’ve seen, I’ve not yet seen a properly implemented singleton!

- Test cases? “We’ve heard of ’em.” (We Don’t Use Them ’Coz We’re Not Whimps)

- Actually the code-base is truly evil, and not your friend!
  - Grok this, my friend.
Because “it’s too slow and parallelism will make it faster” say the bearded-gurus...

- It’s a magic bullet, isn’t it?
- Of course we believe the lore that it is slow due to not being parallel. So naturally we won’t measure.
- Assumptions are the root of all evil!
Because we can or just fancy doing it - we’re geeks and it’s just too cool. ;-}P>

Come on: writing parallel code makes you a guru, doesn’t it?

- You’ll earn more, and all your desires will be satisfied by an adoring team and better still - management!!
- Anthony Williams (of just::thread & boost.thread fame) is looked up to as one of the Great Gurus, isn’t he?
  - I’m not taking his name in vain, just making the point that good thread libraries are hard to come by and harder to write, and he’s doing not one but two.
For Further Reading

- Intel “Thread Building Blocks”.
- OpenMP in MSCV 2010
- “Efficient Parallel Algorithms” Gibbons & Rytter.

http://www.justthread.com/
http://www.boost.org/
http://libjmmcg.sf.net/