Thread Bugs War Stories

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letter Imming

What Is A Bug?





And What Is A Threading Bug?



Race Condition





Deadlock



Contention



Thread Leak





Livelock



Visibility



How Do We Spot A Threading Bug?



#1 Persistence

Never give up





Never



Ever



Give



Up



#2 Luck



#3 Don't Touch



#4 Doubt Everything





Questions?





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