

PARTS OF A CI SYSTEM

Setup Time

- **As your test suite grows so does the time required to run it.**
- **To combat this people often split their tests between multiple workers.**
- **Each of those workers has some fixed set up time.**

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- E.g. If you have 20 workers that run 30 minute of tests each but each takes 3.5 minutes to setup, then it still takes 4 minutes. It would be just as cost effective and almost the same time to halve the workers in this case.
- Work on reducing set up time by prebuilding an image, sharing a cache between builds (of packages for example), or having one setup done in a coordinator