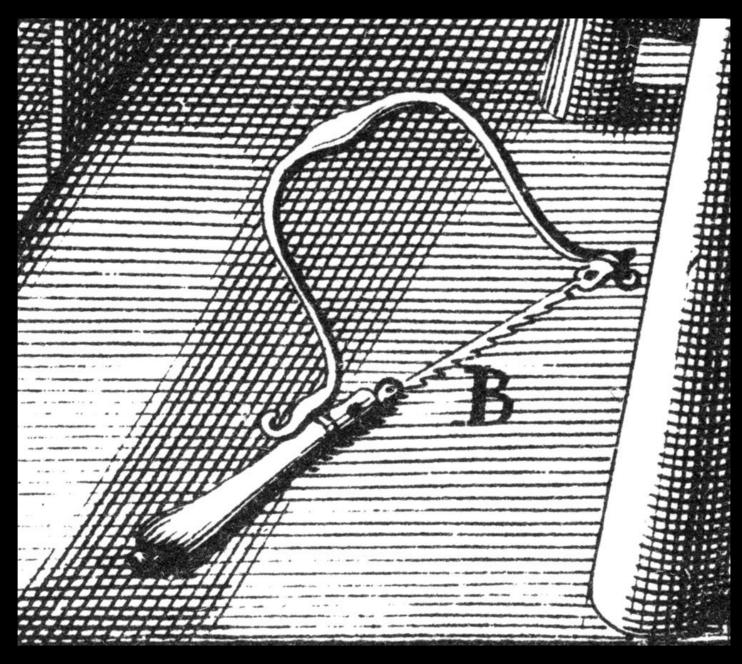
Coping With Legacy Code



Joe Francis



Legacy Code?





I DO HAVE A VERY PARTICULAR SET OF

SKILLS

SKILLS I HAVE ACQUIRED OVER A VERY LONG CAREER.

guickmeme.com



Problems are the price of progress.

Don't bring me anything but trouble.

Good news weakens me.

— Charles Kettering —

AZ QUOTES



Big Projects

Hard Problems





Obstacles





Spaghetti: not just in your code!

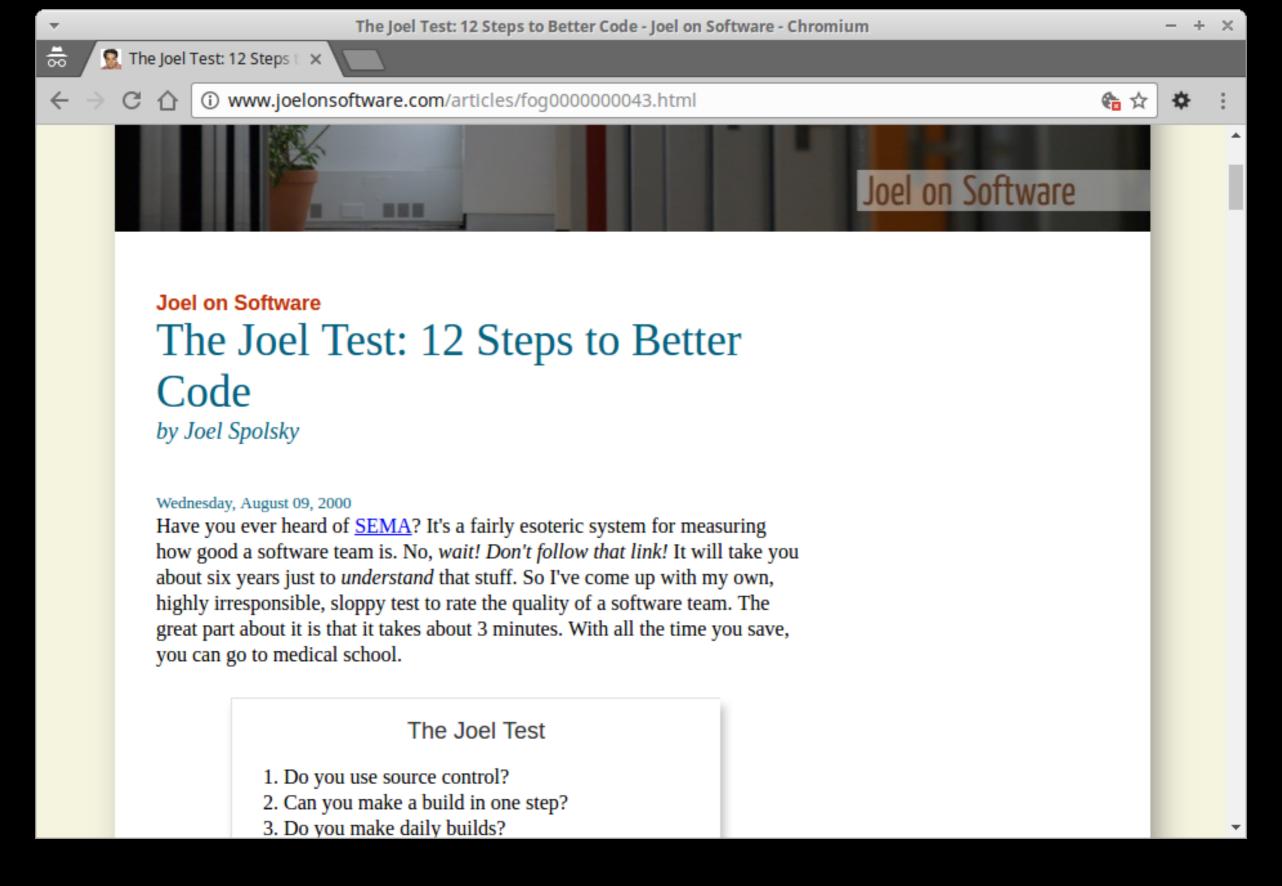


Know Your Characters

Your Team Has Secret Super Powers

(They don't know it either)





Honesty About Fundamentals

Understand Cohesion & Coupling



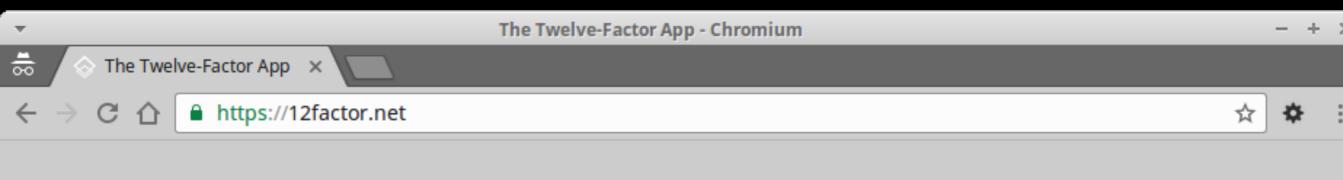




They Matter

Scripts = executable documentation

Automation = documentation that verifies itself



THE TWELVE FACTORS

I. Codebase

One codebase tracked in revision control, many deploys

II. Dependencies

Explicitly declare and isolate dependencies

III. Config

Store config in the environment

IV. Backing services

Treat backing services as attached resources

V. Build, release, run

Strictly separate build and run stages

VI. Processes

Execute the app as one or more stateless processes

VII. Port binding

I FIND YOUR LACK OF CONFIDENCE

DSTRIB

memegeneratorner



Process Maturity?

No More Heroics

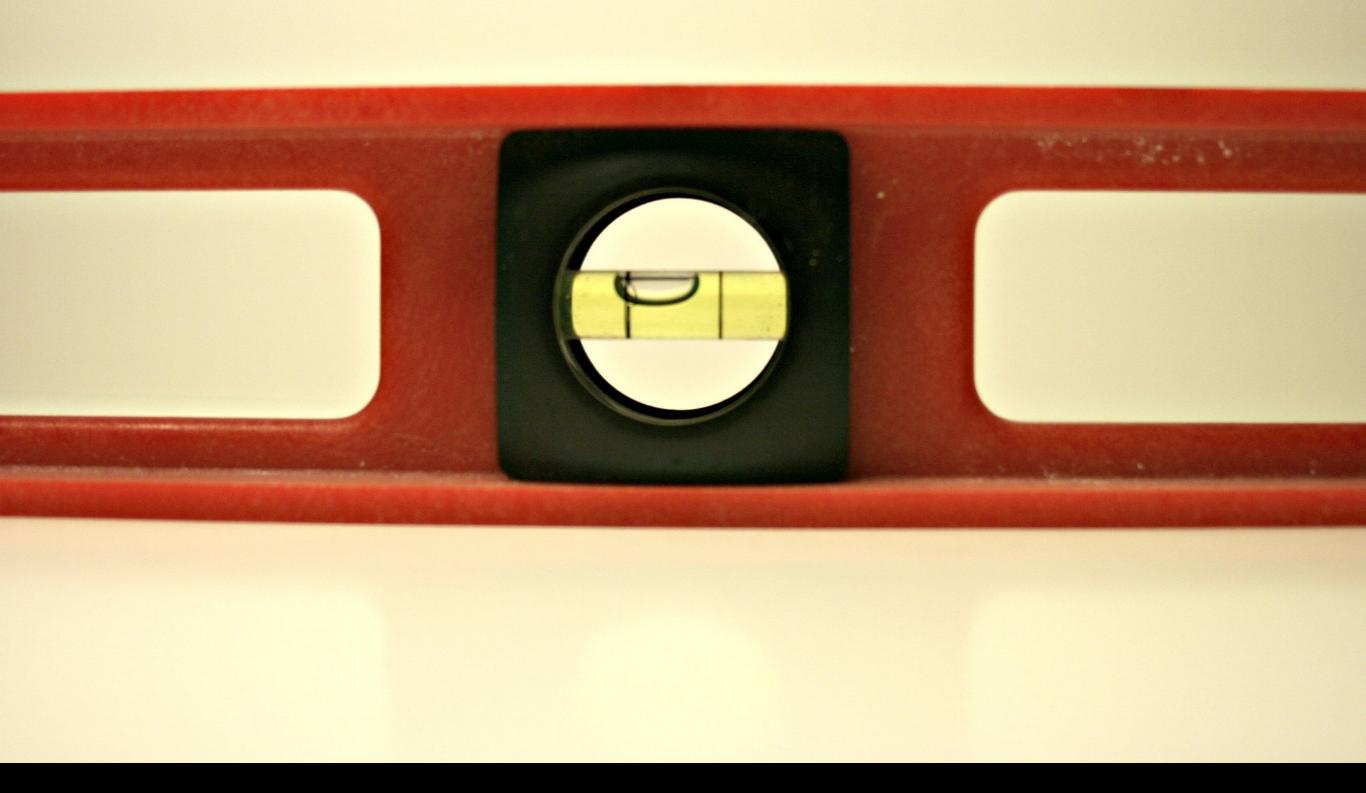
Follow Through

Always



Make Custom Tools





Seek Stability





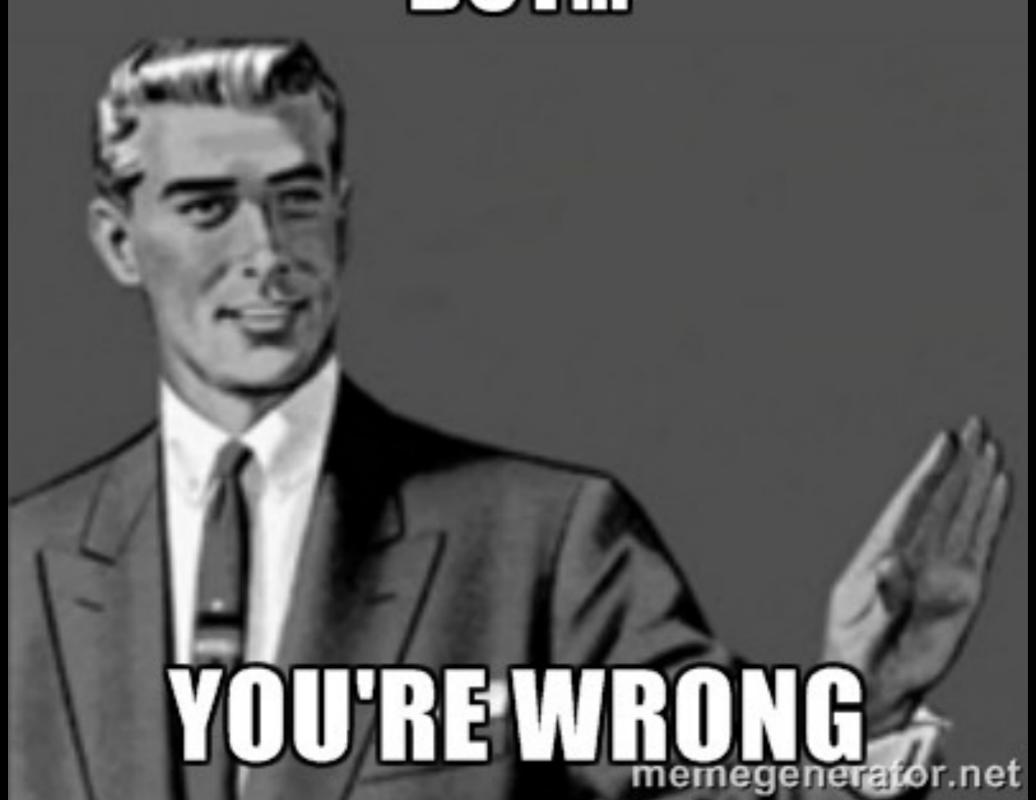


SKIL SHARE SCHEDULE Saturday 12 Catch the Rooster Free Linch 3 Soppmaking - in the shed Bile Repair - outside Maric Trick Swap - Studio @ 3:30 Children Prep - Litchen 4 Herbal Tindrures Painting Gooking

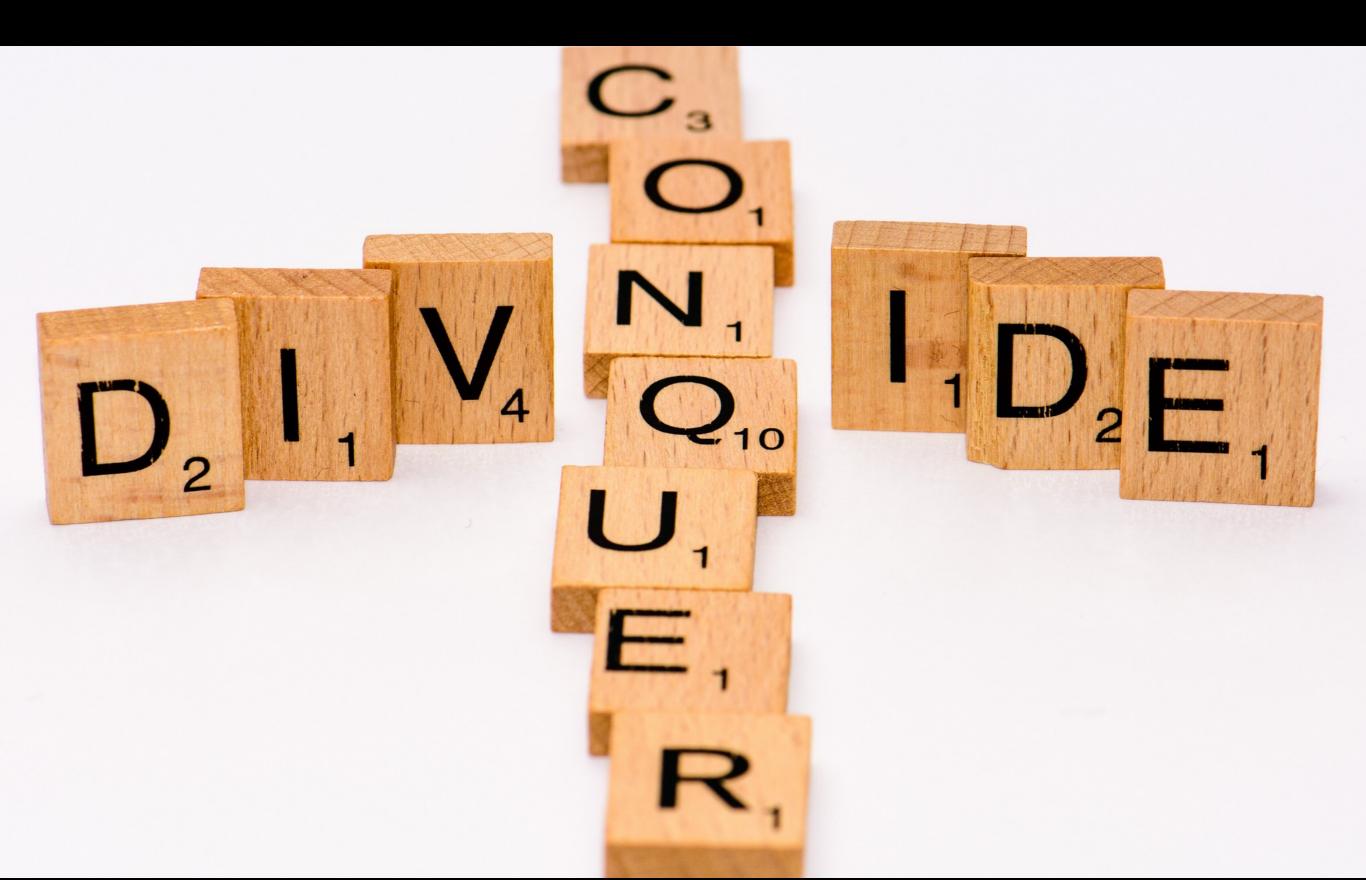
Understand the Business Needs

("it's always been that way" doesn't count)









Remove Dead Code with Extreme Prejudice



Avoid Full Rewrites



Small Steps, Accumulate Victories





ACAUTION

Hazardous Waste Storage Area. Unauthorized Persons Keep Out!



Someday Never Comes

The passionate, functional, micro-serviced approach

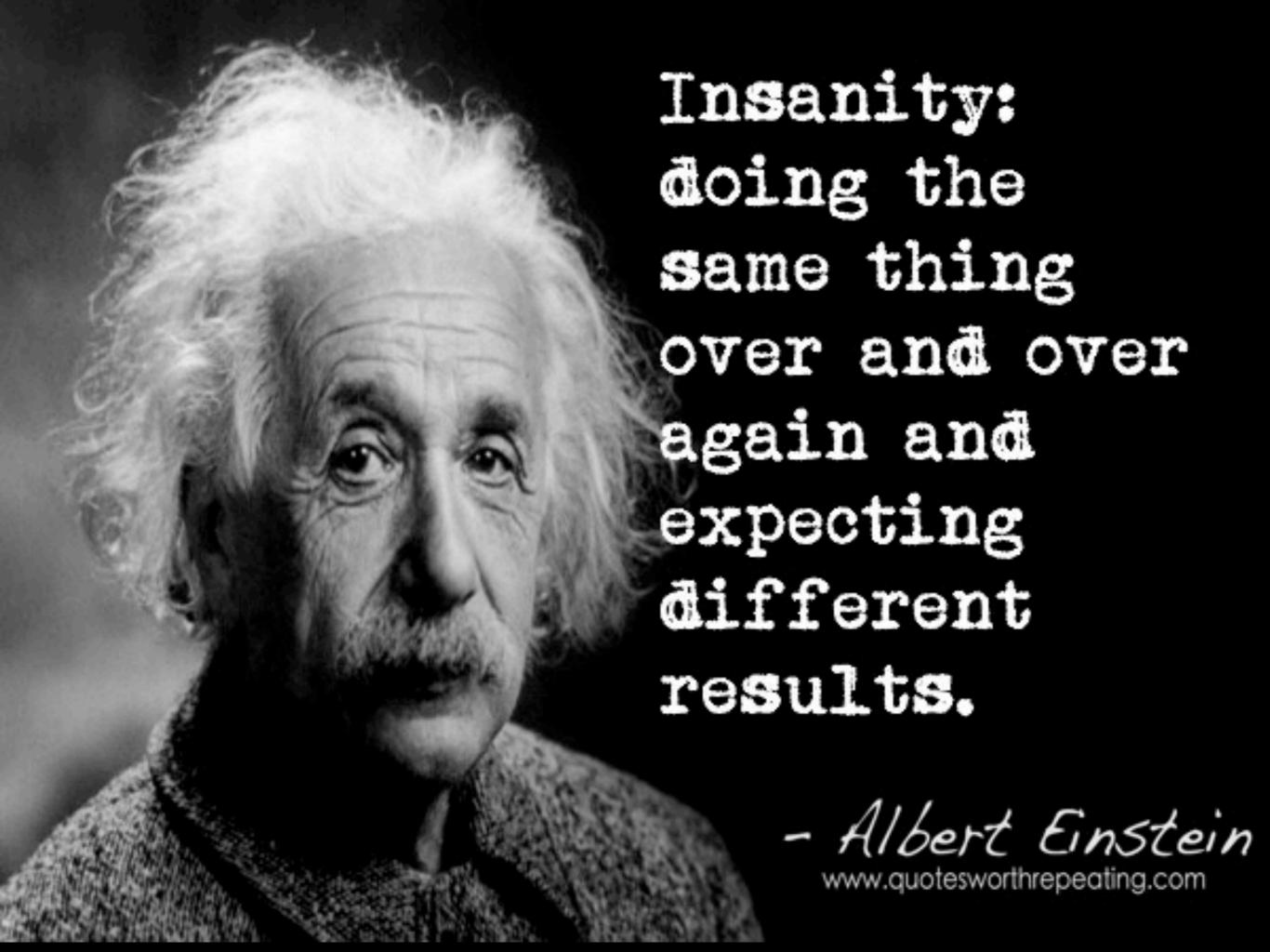


Expert

Resumé Driven Development



Idiomatic Code before Clever Code





You need a dictator

Closing Thoughts

- Recognize legacy isn't all bad
- Don't do a big bang rewrite
- Do not let people, process, and culture problems fester
- Don't be afraid to do gross things
- Don't let your nice things get spoiled

Questions?

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