

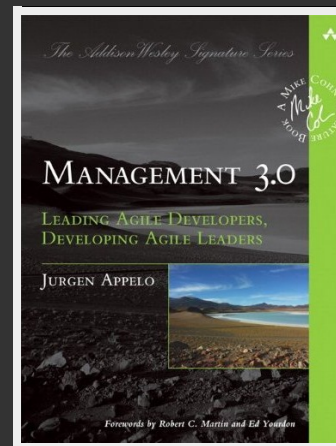
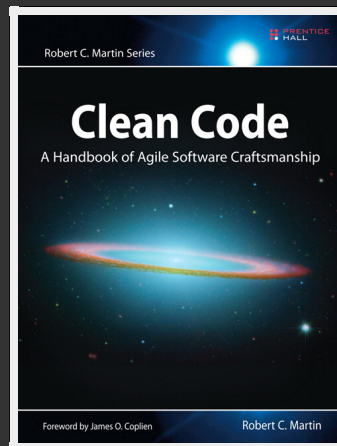
**CLEAN CODE IS NOT THE
GOAL**

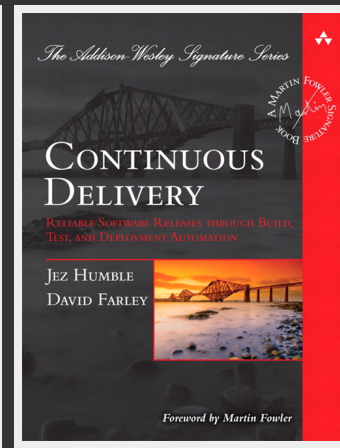
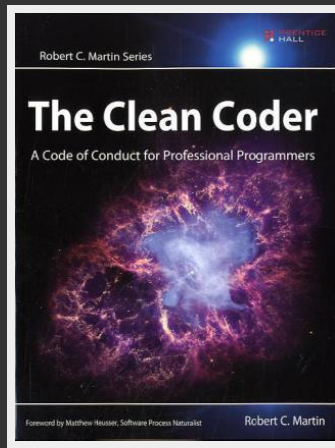
WORKING SOFTWARE IS

Volker Dusch / @_edorian

ABOUT ME

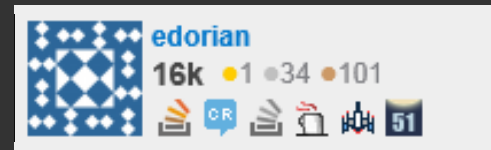
- PHP since 10 years
- CI
- CleanCode
- DevOps
- TDD
- Shipping





GET IN TOUCH

- stackoverflow:
- Twitter: @_edorian
- Xing / G+: Volker Dusch
- IRC: edorian
- Mail: php@wallbash.com



CLEAN CODE IN 10 OR LESS BUZZWORDS

- Readable
- Structured
- Tested
- Pretty
- Documented
- Well designed
- Self explanatory
- SOLID
- Concise
- Well architected

SO WHAT ABOUT CLEAN CODE?

You maybe came here to hear about clean code

I'M SORRY



- Nietzsche's Webmaster

AND WE KILLED IT

When people say "clean" do you think of:

- Wordpress?
- Drupal?
- Typo?
- phpBB?
- Magento?

WHY NOT?

Estimated value generated by Drupal in 2012 is about 7gazilion Dollar.

CLEAN IS MORE THAN JUST PRETTY



These projects don't generate that value by being clean, well structured or easily maintainable but they work, you can get somewhere quickly, validate ideas, deliver.

CLEAN CODE IS NOT THE GOAL



'SHIPPING IT' IS!



Delivered Value

SO CLEAN CODE IS WORTHLESS?

Everything you do should help you to continuously deliver tangible value!

AND IF IT'S NOT HELPING?

Communicate it as waste and get rid of it

CLEAN THINGS

- Code
- Infrastructure
- Workflows (Processes)
- Communication
- Leadership

CLEAN CODE

WHAT IS 'CODE'?

Code is something that software engineers produce

SO WHAT DO ENGINEERS PRODUCE?

DESIGN DOCUMENTS!

- Architects produce blue prints.
- Houses are build from them.
- Electrical engineers produce circuit board diagramms.
- Boards are build with those designs imprinted.

WHAT DO WE PRODUCE?

- We produce source code.
- Software is produced using that blue print.

SOURCE CODE IS NOT THE PRODUCT

- We don't deliver source code
- Source code is not what we get paid for
- It's the final design document

WE DELIVER WORKING SOFTWARE

- Compile the source
- Add the asserts
- Patches and migration pathes
- Deployment

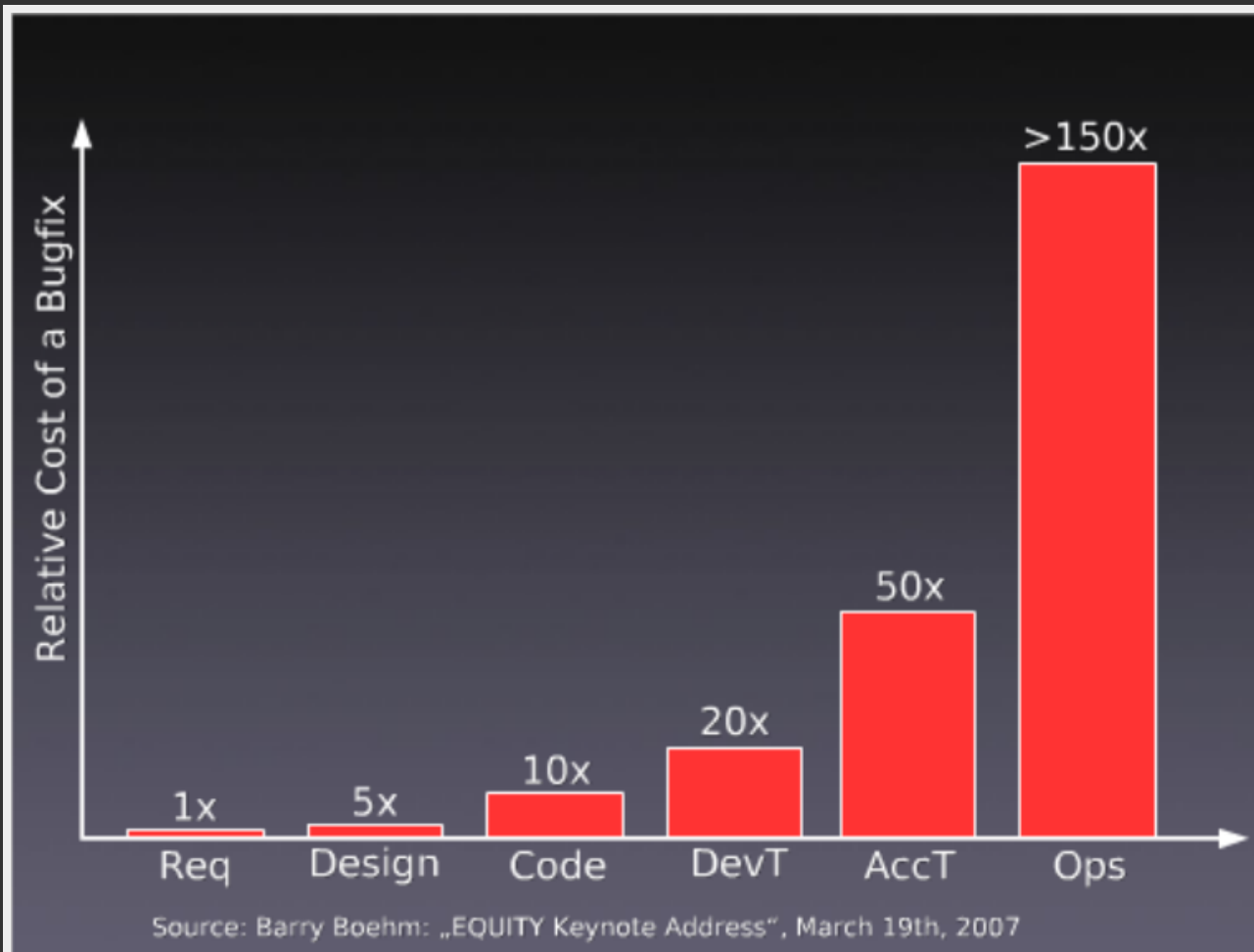
SOFTWARE IS SPECIAL

- Building is really cheap
- Designing is really expensive

MAINTAINING SOFTWARE IS ALSO SPECIAL

Since building is cheap you can change stuff easily

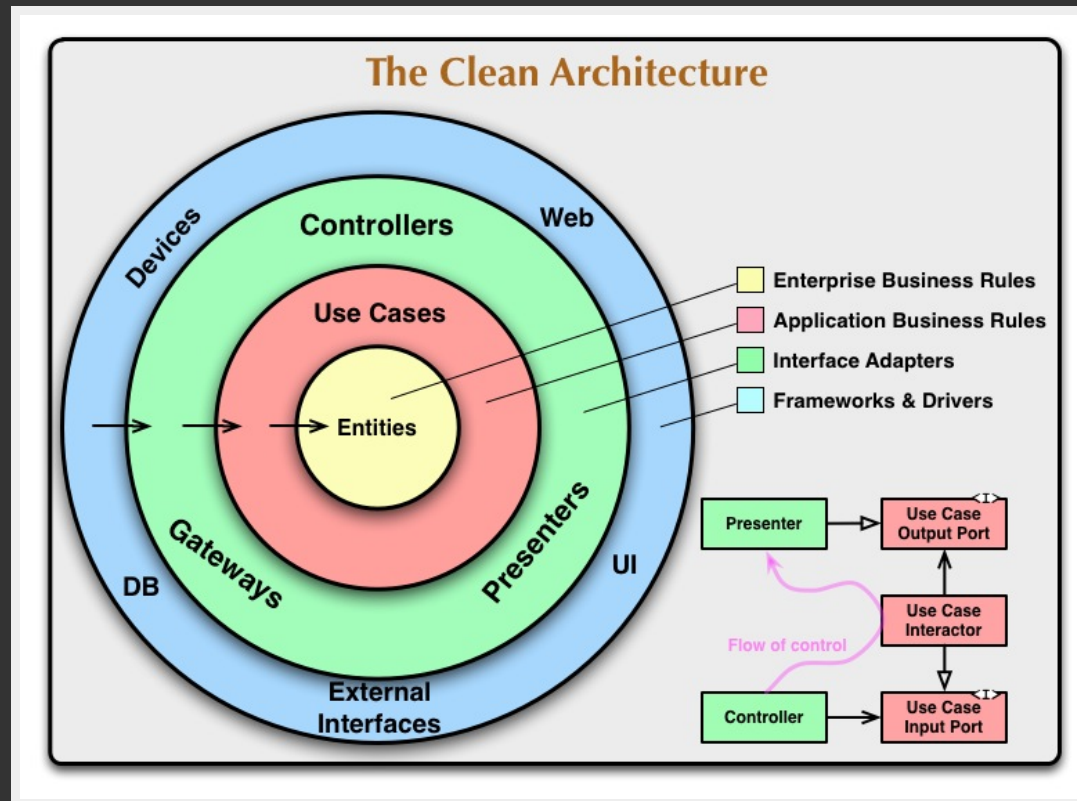
**DO YOU NEED YOUR DESIGN
DOCUMENTS TO CHANGE?**



'BUILD THE RIGHT IT'

And then build "it" right

CLEAN ARCHITECTURE



<http://blog.8thlight.com/uncle-bob/2012/08/13/the-clean-architecture.html>

STAY FOR THE NEXT TALK!

SO CLEAN CODE DOESN'T MATTER?

You said if it's not helping me I can get rid of it!

SHU HA RI

Learn, detach, transcend <http://pragprog.com/magazines/2010-11/shu-ha-ri>

- No understanding: Copy the master
- Some understanding: Try variations
- Mastery: Get stuff done without hitting walls down the road

CLEAN INFRASTRUCTURE

With great hardware comes great responsibility

HARDWARE

Some people somewhere still care about Hardware.

Thank them for running the internet when you meet them some time.



VIRTUALISATION

Something to throw new boxes at you

- Sysadmins
- The Cloud(s)
- Automated cloud provisioning
- Private clouds

Getting the hardware is not complicated anymore.

INFRASTRUCTURE BECAME CODE

- Cloud APIs
- Installing Services
 - Puppet
 - Chef
 - Your own solution
 - Whatever works!
- Automated scaling
- Automated (data) recovery
- Even DEV Boxes!
 - No more "change this" mails!
 - Work faster on multiple Projects!

CODE IS IMPORTANT

So put it in SCM!

SERIOUSLY!

PUT IT IN SCM!

NO MORE SSH

There is no SSH!

Only Puppet, mcollective and graylog2

SHIPPING

- Testing
 - Automated tests against the code base
 - Automated tests against a stage server
 - Manual QA
- Packaging and Distributing
 - Deploy from GIT
 - Build .tar.gz / .deb / .rpm Packages
 - BitTorrent
 - Whatever works WELL for you

CLEAN WORKFLOWS

CLEAN COMMUNICATION

THANK YOU

PLEASE PROVIDE FEEDBACK:

Froscon:

<https://frab.froscon.org/froscon2012/public/events/969/feedback/new>

Joind.in

<http://joind.in/7013>

