To Developers
From Developer

Htain Lin Shwe (saturngod)

Who am I ?

- Working in 2c2p, Singapore
- iOS Developer
- Working as programmer for around 8 years
- Using Objective-C , Swift , Javascript (nodejs)

Apps

Books

- HTML 5 (http://books.saturngod.net/HTML5/)
- Programming Basic (http://books.saturngod.net/programming_basic/)

Essential Skills For Developers

Language

The most important language

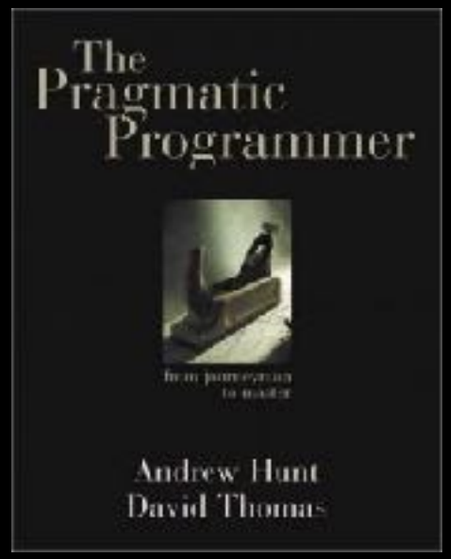
English

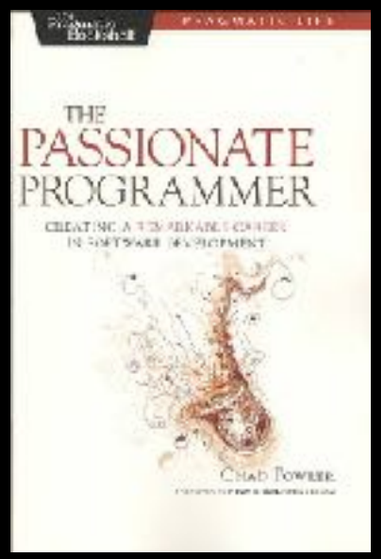
Why ?

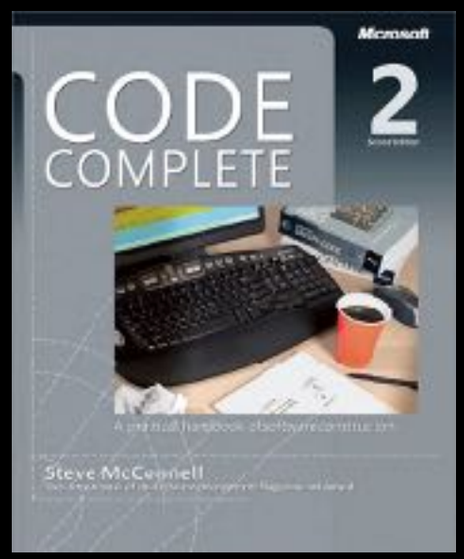
Why

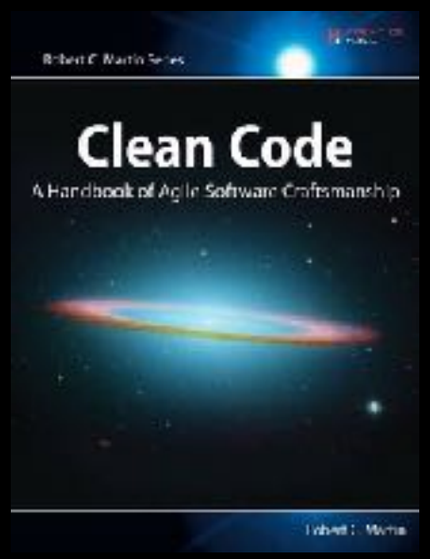
- We are doing copy & paste
- All new tech news are in English
- All new tech books are in English

Recommend Books



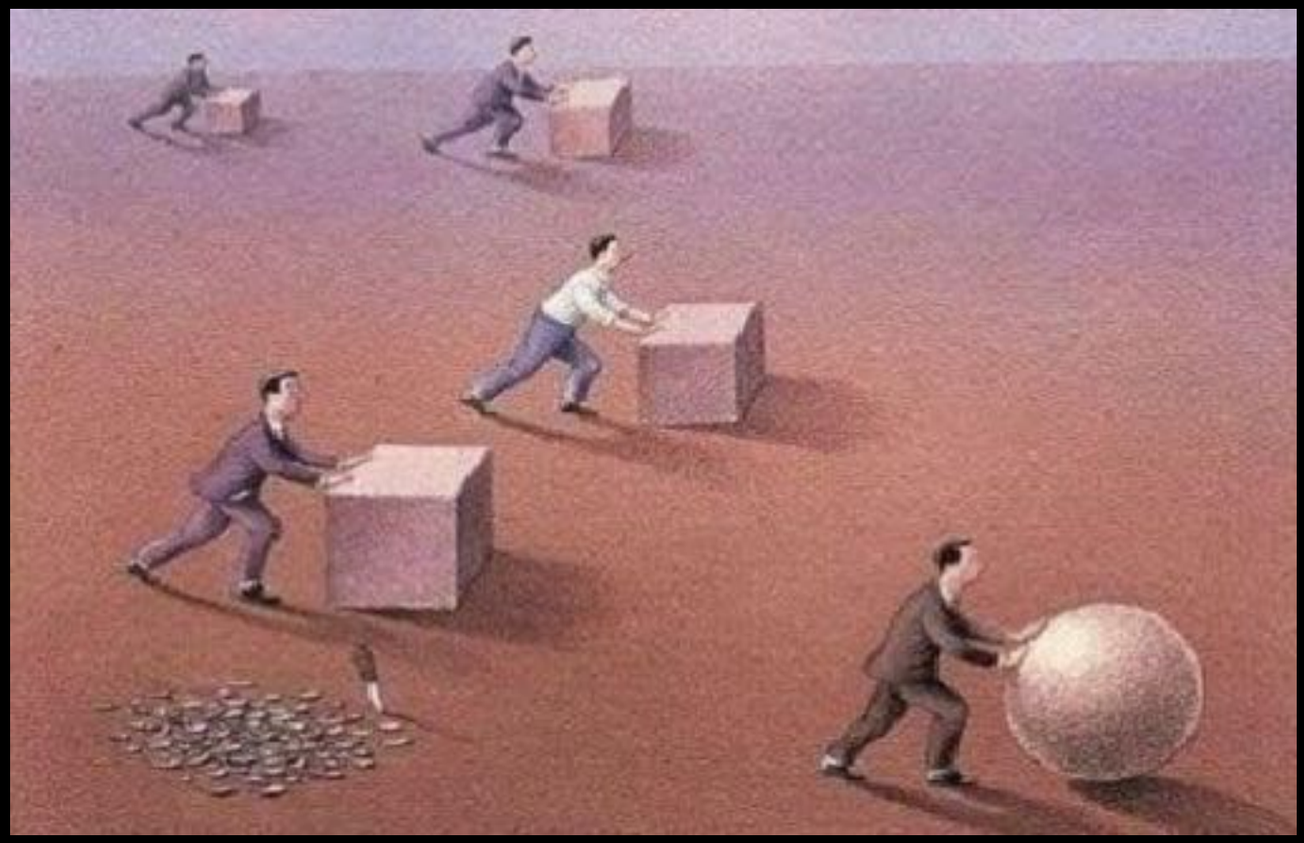




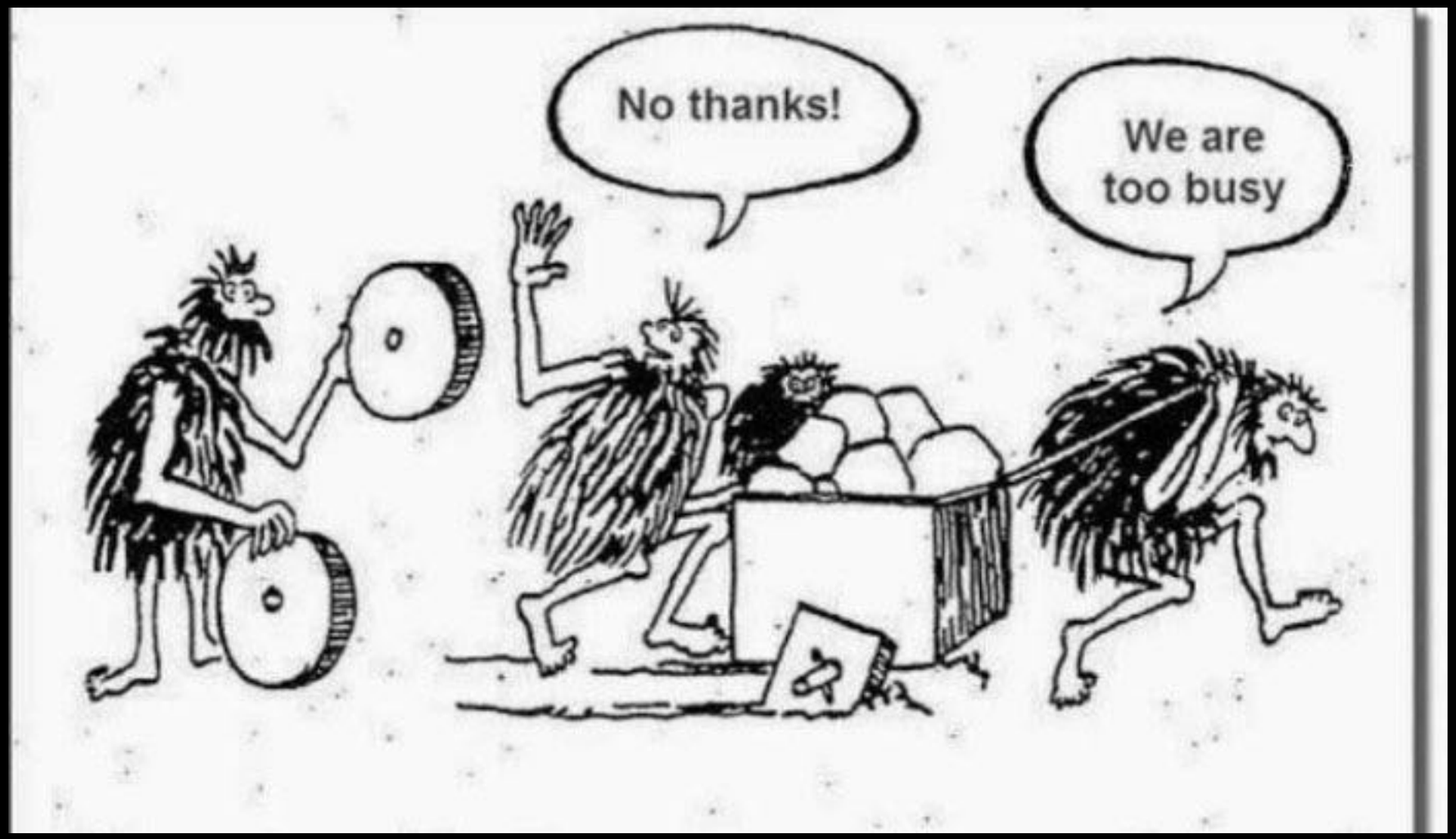


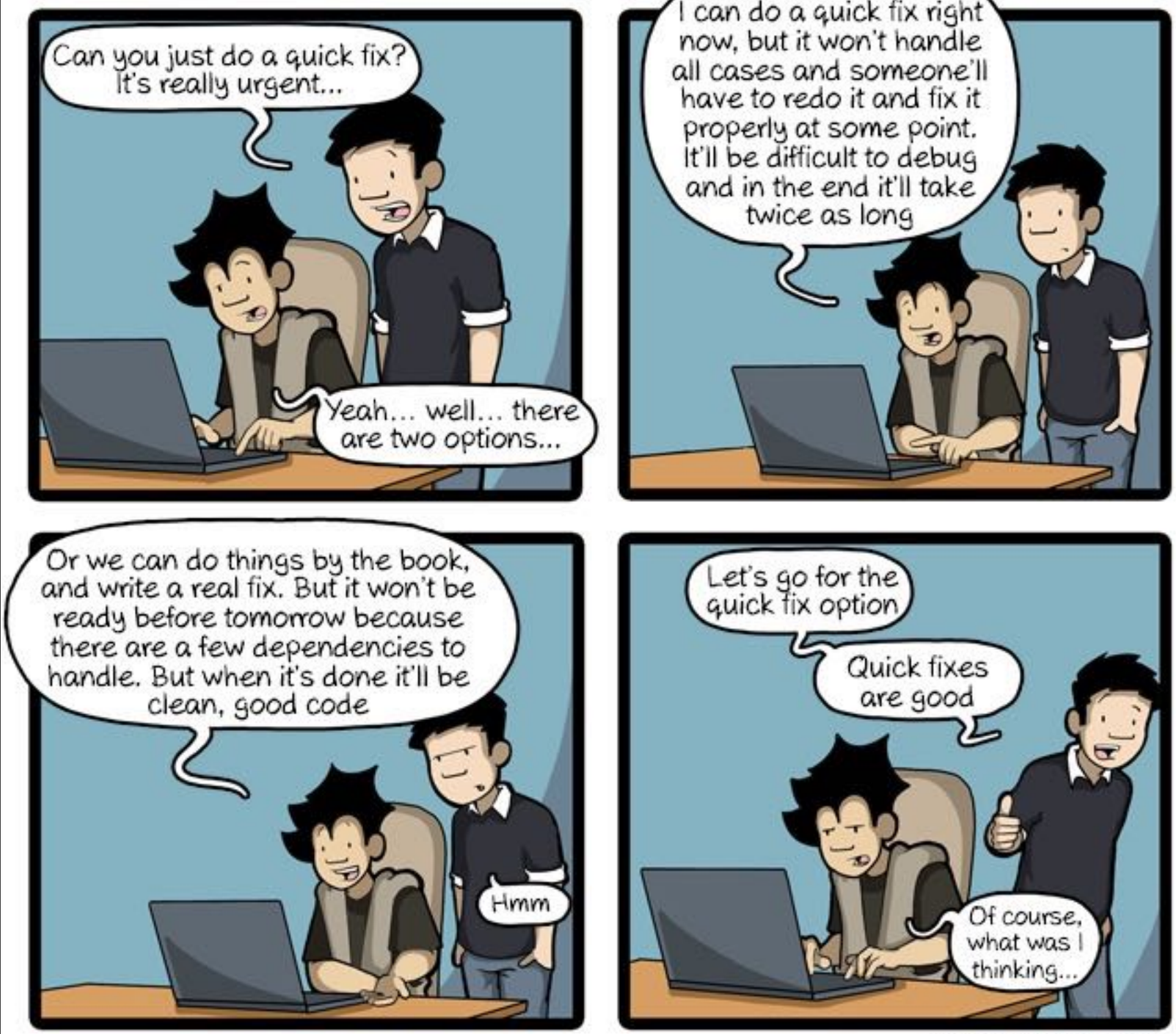
Work Smart not work hard

Work Smart not work hard



We are too busy




Can you just do a quick fix? It's really urgent...
Yeah... well... there are two options...
I can do a quick fix right now, but it won't handle all cases and someone'll have to redo it and fix it properly at some point. It'll be difficult to debug and in the end it'll take twice as long
Or we can do things by the book, and write a real fix. But it won't be ready before tomorrow because there are a few dependencies to handle. But when it's done it'll be clean, good code
Hmm
Let's go for the quick fix option
Quick fixes are good
Of course, what was I thinking...
CommitStrip.com

Be Relevant, Stay Relevant

Be Relevant, Stay Relevant

- upgrade yourself

- Live as if you were to die tomorrow. Learn as if you were to live forever. (Mahatma Gandhi)

Enjoy the Moment

Enjoy the Moment

- Proud to be developers
- Try to be happy if you can successfully compiled or can run smoothly
- Just accept it, Software has bugs. This is normal
- Live as if you were to die tomorrow

Respect Time

Respect Time

- Don’t over promise
- Don’t be late
- if you will late , just call them and tell them , “I will late”

Responsibility of developer

Responsibility of developer

- Test your own program
- We didn’t call Tester, they are “Quality Assurance”

Responsibility of developer

- Before starting understand the start point and end point
- If you don’t understand the system, don’t write it
- Try to ask until you really understand the system

Responsibility of developer

- Live as if you were to die tomorrow. Learn as if you were to live forever. (Mahatma Gandhi)
- So, write the clean code
- Write a code for your love, for your best friend
- Don’t do hard code , please use config file

Responsibility of developer

- Do the document
- Follow the Style Guide

UML, Flow chart

UML, Flow chart

- To understand the system between developer, Project Manager and System Architect

- To understand the system well

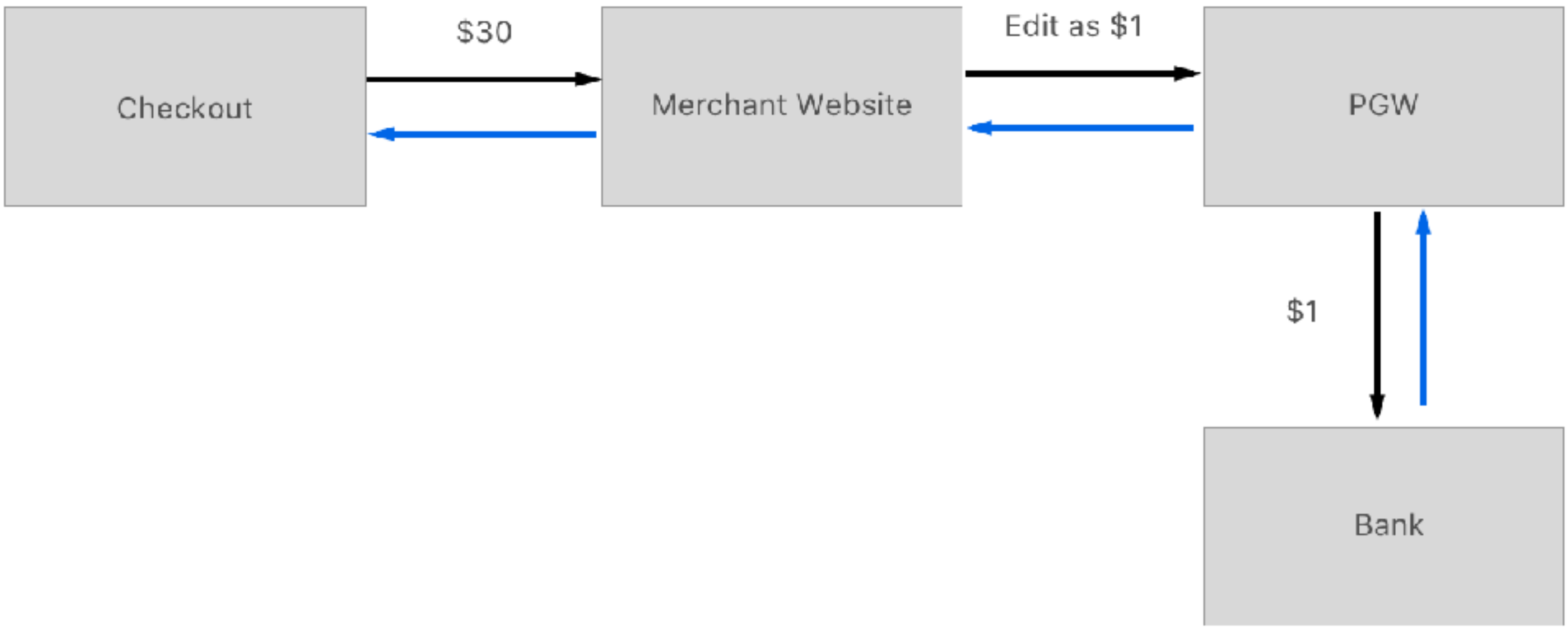
Security

Security

- SQL Injection (http://blog.saturngod.net/knowledgebase/sql-injection)
- Cross-site scripting (XSS) (http://excess-xss.com)
- Cross-Site Request Forgery (CSRF)
- Play around with **Burp Suite**

Target
Proxy
Spider
Scanner
Intruder
Repeater
Sequencer
Decoder
Comparer
Extender
Options
Alerts
Intercept
History
Options
Request to https://0b7bd624bab7.mdseclabs.net:443 [67.202.9.175]
Forward
Drop
Intercept is on
Action
Comment this item
Raw
Params
Headers
Hex
POST /auth/319/Default.ashx HTTP/1.1
Host: 0b7bd624bab7.mdseclabs.net
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate
Connection: keep-alive
Referer: https://0b7bd624bab7.mdseclabs.net/auth/319/Default.ashx
Content-Type: application/x-www-form-urlencoded
Content-Length: 29
username=admin&password=fred69

Burp Suite


Checkout
$30
Merchant Website
Edit as $1
PGW
$1
Bank

Git

Git

- distributed version control system
- Can do branching and tag
- Your local copy is repository
- **Don’t be scared of git branch merge**

Git branching

- Master Branch is production ready
- Develop Branch is currently we are working on
- Feature Branch is for new feature

Git Hosts

- Github (best for opensource)
- Gitlab (Unlimited Private + Public repo)
- Bitbucket (Unlimited Private + Public repo, only for 5 users)

Self-host

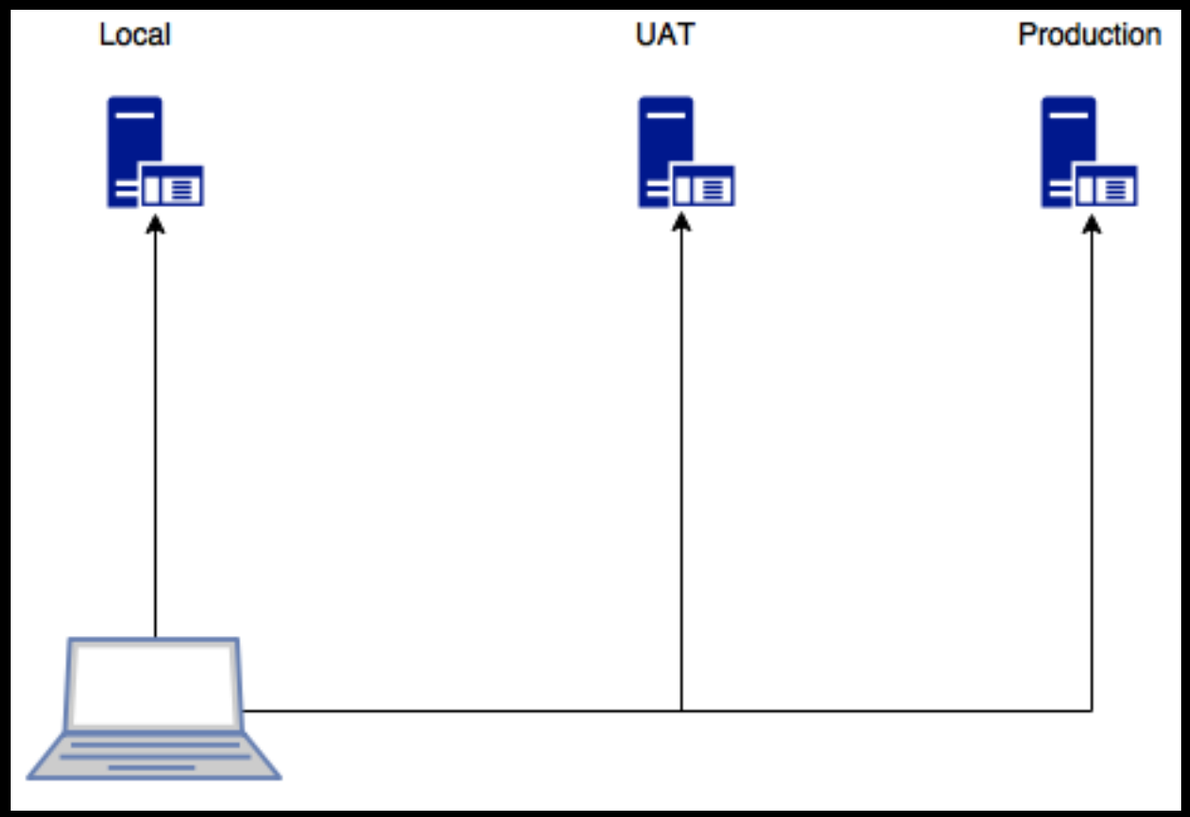
- Gitlab
- Bitbucket Server (old name: Stash)
- Gogs

Auto Deployment

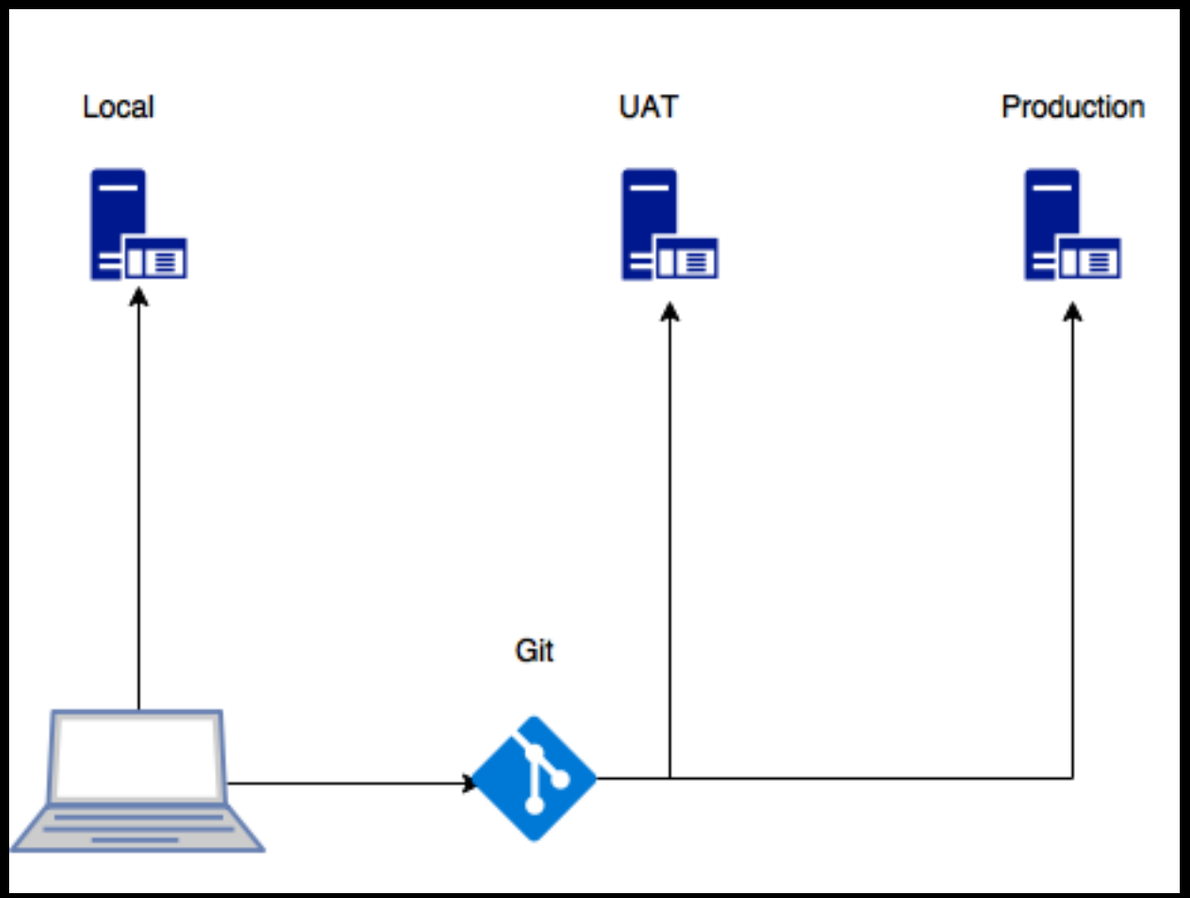
Auto Deployment

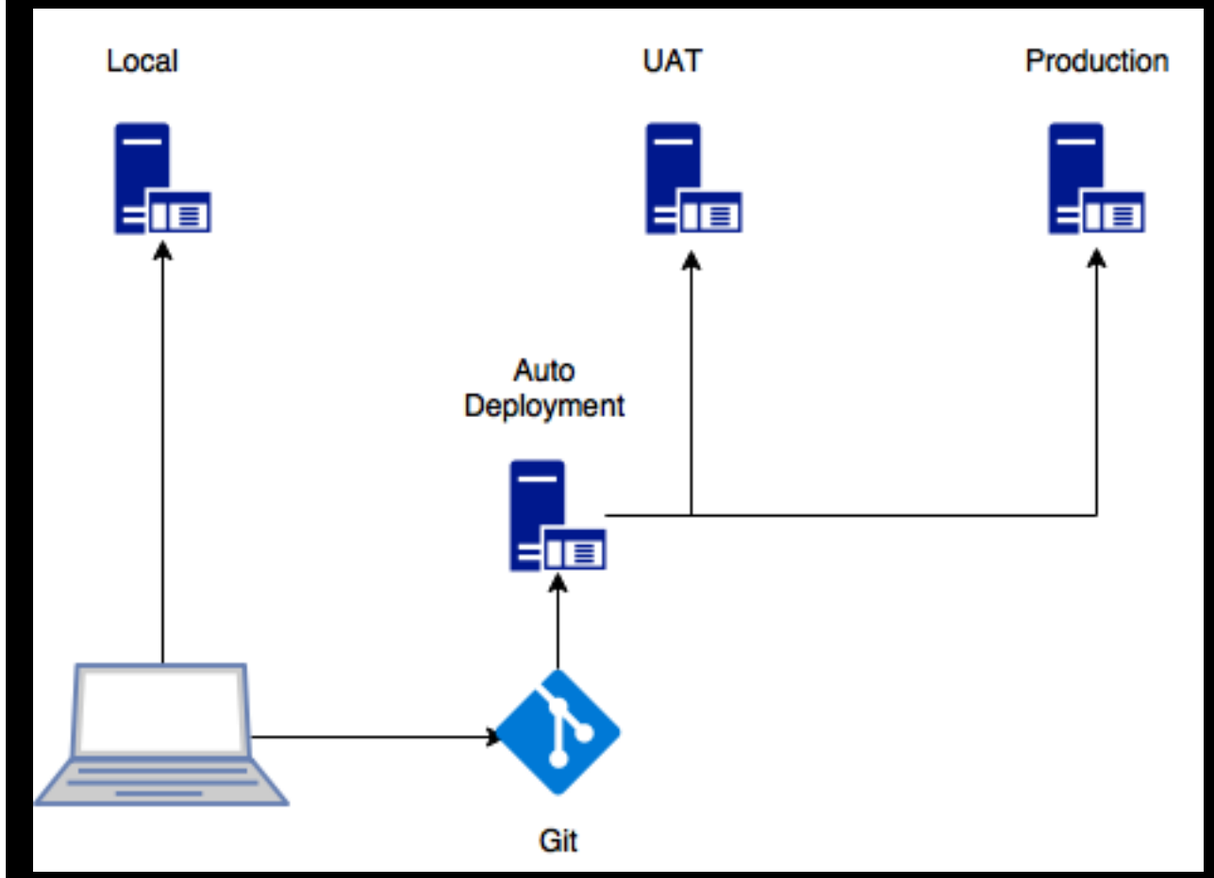
- Git Hook
- Jenkins
- Bamboo (Atlassia)

Auto Deployment



Auto Deployment





Unit Testing

Unit Testing

- Yes, it take a lot of time to write
- Start writing when you start the project
- Don’t write at the end of the project (it will never happen)
- Try to build the habit of writing unit testing

Future ?

For The Future

- Try to learn docker
- Try to learn AWS
- Try to learn new language or js framework
- Try to learn about AI or bots

Suggestion

- Don’t waste your time on **VS**
- Keep learning
- **Live as if you were to die tomorrow. Learn as if you were to live forever. (Mahatma Gandhi)**

Thank you!

Questions ?
or
ask me at
www.mysteryzillion.org