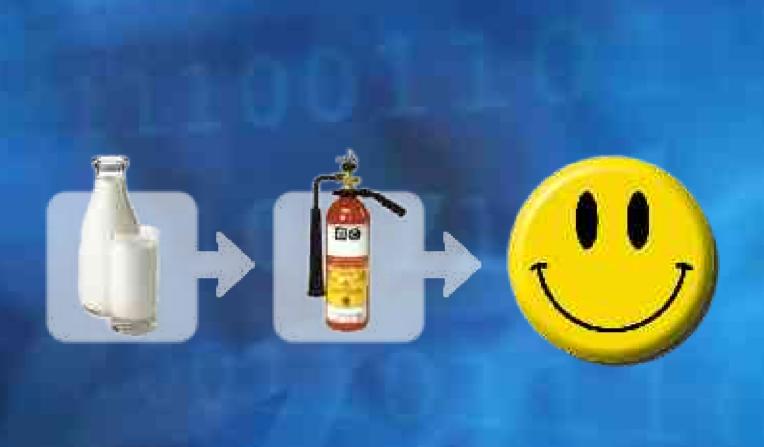
eesoftware⁹⁹

PETE GOODLIFFE











Alphabetti Spaghetti

Alphabeticus Spagheticus



Custard

Dessertus Yellowicus





WHITE HING WRINGWAY

RIGHT HING RIGHT WAY

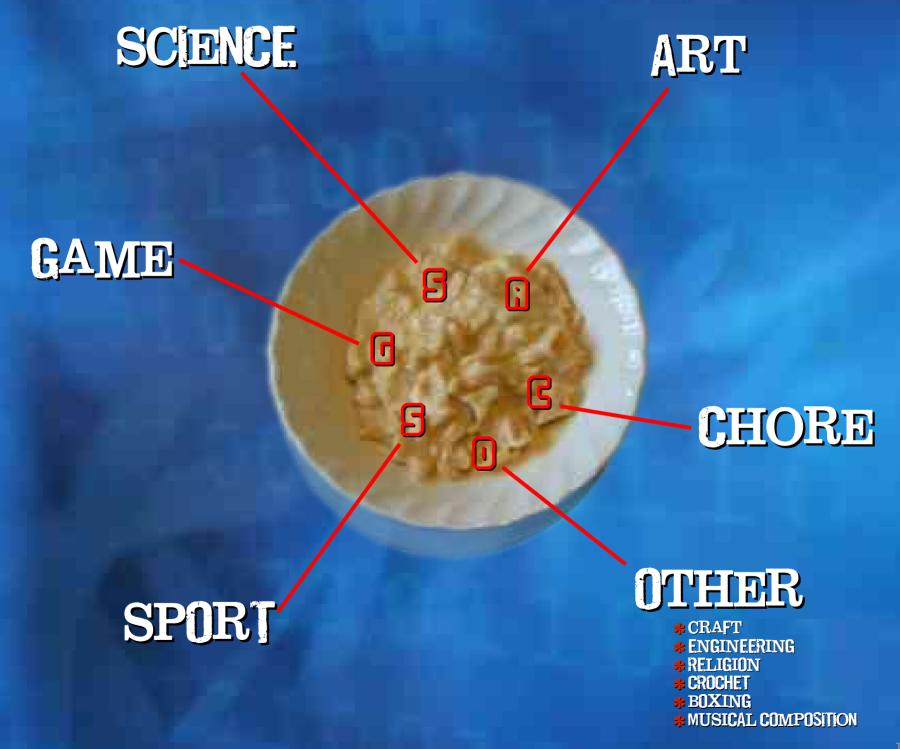




...want to improve as a programmer?

Do I want to write the right thing in the right way?







Some programs are elegant, some are exquisite, some are sparkling.

My claim is that is it possible to write grand programs, noble programs, truly magnificent ones!

CREATIVE

- * INDIVIDUAL
- *PERSONAL
- *IMAGNATIVE
- *SKILLFUL
- * PRECISE



AESTHETIC

- * ELEGANCE
- *BALANCE
- *INTERPRETATION
- * IDIOMATIC & CULTURAL
- * FORM & FUNCTION
- * INTERFACES



MECHANISM

- **OUR MEDIUM & TOOLS**
- PROCESSES & TECHNIQUES
- *BENEFACTORS/COMMISSION

TEAM_BASED

- * ORCHESTRA CONDUCTOR
- * COMPOSER
- * MOVIE DIRECTOR
- * ARCHITECT

[David] there, and just chipped away everything else.



...consider the creative aspects of software development, or treat it as a mechanistic logical activity?



Should I...

...develop a keener sense of elegance and aesthetics in code?

Should I look beyond what's functional and solves the immediate problem?



...think that my idea of 'beautiful' code is the One True Opinion?

Should I consider artistry as a <u>team</u> pursuit?



Any intelligent fool can make things bigger, more complex, and more violent.

It takes a touch of genius - and a lot of courage - to move in the opposite direction.

I am enough of an artist to draw freely upon my imagination.

Imagination is more important than knowledge. Knowledge is limited. Imagination encircles the world

RIGOUROUS

- *ACCURATE
- *PROVEN
- * MEASURED
- * TESTED AND VERIFIED



SYSTEMATIC

- *INTELLECTUAL
- * LOGICAL
- RATIONAL
- * BRINGS ORDER/UNDERSTANDING

INSIGHTFUL

- ♣ FORMING HYPOTHESES
 ♣ APPLYING SCIENTIFIC METHOD



Is my...

... software always totally correct and completely accurate?

How do I prove this? How can I make this explicit, now and in the future?



...strive to bring order out of chaos?

Do I collapse complexity in my code until there are a few, small, unified parts?



...approach problems methodically and thoughtfully, or do I rush headlong into them in an unstructured way?

TEAMWORK

REQUIRES MANY SKILLS...



DISCIPLINE

- * TRAINING
- ** COMMITMENT ** HARD WORK

RULES

- *RULES OF THE GAME
 *TEAM CULTURE

PRACTICE PATIENCE COMMON GOAL & VISION COMMUNICATIONSHARING RESPECT RESPONSIBILITY TRUST FRIENDSHIP TOODD



... have all of these skills?

Do I work well in a team, or could I improve in some areas?

TEAMWORK

*REQUIRES MANY SKILLS...

DISCIPLINE

- * TRAINING
- * COMMITMENT * HARD WORK



RULES

- *RULES OF THE GAME
 *TEAM CULTURE



Am I...

...still learning about software development?

Do I learn from others, and am I perfecting my team moves?



Do I...

...invest enough effort in my own development? Am I continually in training?

Am I tired and muddy?



LEARNING

* A CONTINUAL PROCESS
* HUMILITY

LOOKING CUTE

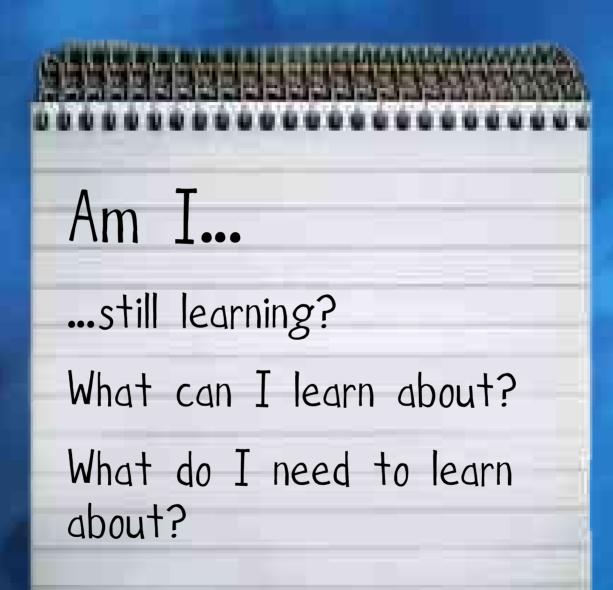
SIMPLICITY

- SIMPLEST THING POSSIBLE?
 A DYNAMIC THING

Do I ...

...write the simplest code possible?

Or do I type what comes to mind, and not think about commonality, refactoring, or code design?



CLEANING UP

- *SPOTTING AND ADDRESSING PROBLEMS
- *NOT LEAVING IT TO SOMEONE ELSE
- * RESPONSIBILITY



BACKGROUND

- *** WORKING OUT OF THE LIMELIGHT**
- NO RECOGNITION FOR HEROIC EFFORTS
 A "SUPPORT" ROLE

MANTENANCE

- * REMOVING CODE
- REFACTOR CODE
- TIDYING UP
- DONE OFTEN/WHEN NECESSARY



Am I...

...happy to do code 'chores'?

Do I only want the glamourous work?



Do I ...

...take responsibility for messy code and clean it up?

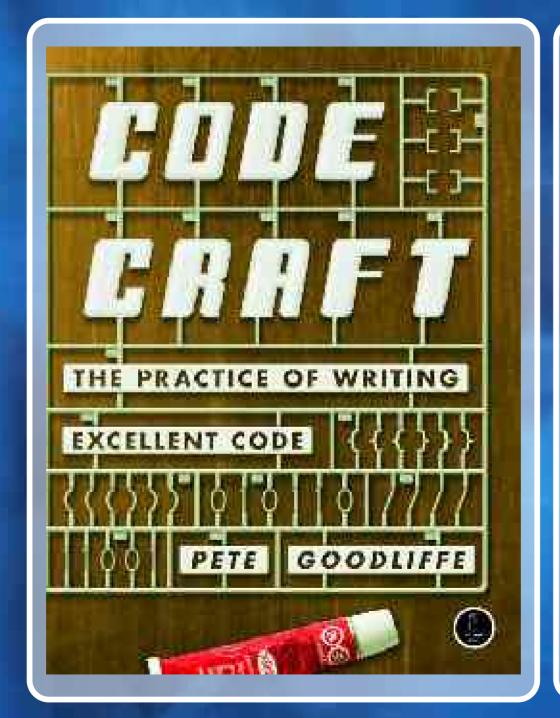


WHAT ARE YOU GOING TO DO WHAT ARE

TO HELP YOU TO WRITE...

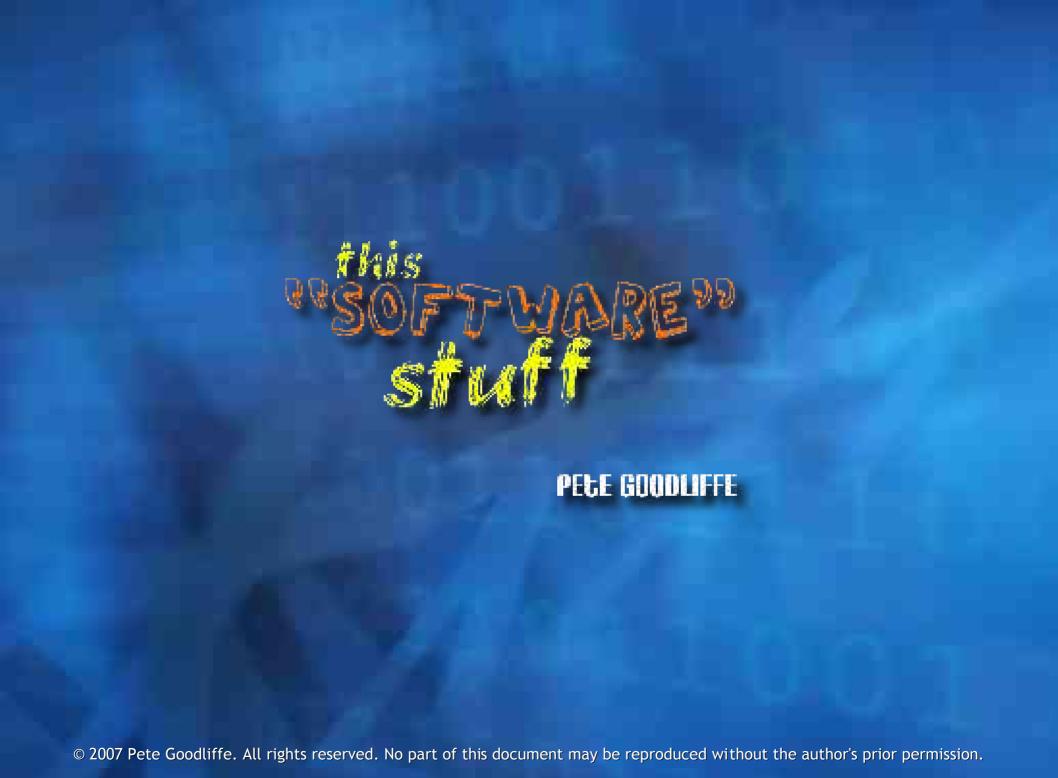
RIGHTTHUIG





"Its **useful and fun** and it'll make better MOII <u>a</u> programmer." Jez Higgins "A goldmine of information professional that every software developer should be aware of." Tim Penheu terrific resource developers wanting to learn or teach good coding practices ... deserves a place on bookshelf." Frazzled Dad blog "A unique and practical guide to being a professional programmer in the modern workplace." Andrew Burrows "Readable, engaging, and even **funny** ... It's the book I wish I'd had when I started work as a programmer." Steve Love "A 'must read' for any programmer who wants to be a better programmer" Linux Tutorial "This is **exactly** the kind of book you should give raw recruits." Jon Jagger





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