640 KB OUGHT TO BE ENOUGH FOTZ ANYBODY.

- BILL GATES, CITCA 1981 ANY FOOL CAN WIZITE CODE THAT A COMPUTETZ CAN UNDETZSTAND. GOOD PTZOGTZAMMETZS WIZITE CODE THAT HUMANS CAN UNDETZSTAND.

> - MARTIN FOWLER, FROM REFACTORING: IMPROVING THE DESIGN OF EXISTING CODE

COMPUTETZ SCIENCE IS NO MOTZE ABOUT COMPUTETZS THAN ASTRONOMY IS ABOUT TELESCOPES.

- EDSGETZ W. DIJKSTTZA

DEBUGGNETIS ANTICIPATED WITH DISTASTE, PETZFOTZMED WITH TZELUCTANCE, AND BIZAGGED ABOUT FOTZEVETZ.

- ANONYMOUS

DOCUMENT MY CODE? WHY DO YOU THINK THEY CALL IT CODE?

DON'T USE THE COMPUTETZ TO DO THINGS THAT CAN BE DONE EFFICIENTLY BY HAND.

EVETZYTHING THAT CAN BE INVENTED HAS BEEN INVENTED.

> - CHATZLES H. DUELL, COMMISSIONETZ, U.S. OFFICE OF PATENTS, 1899

LET YOUTZ DATA STIZUCTUIZES COTZIZECT FITZST AND THE TZEST OF THE PTZOGTZAM WILL WIZITE ITSELF.

GOOD JUDGMENT COMES FIZOM EXPERLIENCE, AND EXPERZIENCE COMES FIZOM BAD JUDGMENT.

THE BEST TASKS ATZE THOSE THAT STUDENTS FIND A LITTLE TOO DIFFICULT TO COMPLETE COMFORTABLY.

GOOD PROGRAMMETES KNOW WHAT TO WIZITE. GEREAT ONES KNOW WHAT TO TZEWIZITE (AND TZEUSE).

> - ETZIC S. RAYMOND, UNOFFICIAL SPOKESPETZSON FOTZ THE OPEN SOUTZCE MOVEMENT

THE ABILITY TO CODE IS THE CLOSEST THINGWE HAVE TO A SUPETZPOWETZ

- DIZEW HOUSTON, FOUNDETZ OF DIZOPBOX YOU DON'T HAVE TO BE A GENIUS TO CODE. DO YOU HAVE TO BE A GENIUS TO TZEAD?

HALF OF PROGRAMMINGIS CODING. THE 0THETZ-9/19/06 15 DEBUGGNG.

HATZDWATZE IS THE PATZIT OF A COMPUTER SYSTEM THAT CAN BE KICKED AND SOFTWATZE IS THE PATZIT THAT CAN ONLY BE SCIZEAMED AT.

HE WHO LAUGHS LAST PIZOBABLY MADE A BACK-UP.

L FIND THAT THE HATZDETZ WOTZK, THE MOTZE LUCK SEEM TO HAVE.

- THOMAS JEFFETZSON

LE AT FITZST 40U DON'T SUCCEED, CALL IT VETZSION 1.0.

LE GM HAD KEPT UP WITH TECHNOLOGY LIKE THE COMPUTETZ INDUSTTZY HAS, WE WOULD ALL BE DIZIVING \$15 CATZS THAT GOT 1000 MPG.

LF YOU GIVE SOMEONE A PTZOGTZAM, YOU WILL FIZUSTIZATE THEM FOIZ A DAY; IF YOU TEACH THEM HOW TO PTZOGTZAM, YOU WILL FIZUSTIZATE THEM FOIZA LIFETIME.

F 40u HAVE TOO MANY SPECIAL CASES, 40u ATZE DOWGIT WIZONG.

NSIDE EVETZY LATZGE PTZOGTZAM IS A SMALL PTZOGTZAM STRUGGLING TO GET OUT.

TIS A MISTAKE TO LET ANY ELECTZIO-MECHANICAL DEVICE REALIZE THAT YOU ATZE IN A HUTZIZY.

IT'S HATZD ENOUGH TO FIND AN ETZIZOTZ IN YOUTZ CODE WHEN YOU'TZE LOOKING FOTZ IT, IT'S EVEN HATZDETZ WHEN YOU'VE ASSUMED YOUTZ CODE IS ETZIZOTZ-FTZEE.

- STEVE MCCONNELL

T'S OKAY TO GIVE ADVICE TO A FELLOW STUDENT IN ENGLISH, BUT NOT WAVA

KEYBOATZD (N): INSTRUMENT USED TO ENTETZETZAZOTZS INTO A COMPUTETZ

LAZYNESS IS AN ESSENTIAL QUALITY IN A COMPUTETZ SCIENTIST. WHY ELSE WOULD WE WOTZK SO HATZD TO FIND AN EASY WAY TO DO THINGS?

> - KATTZIN BECKETZ, THE BECKETZ BLOG

ANYONE WHO HAS NEVETZ-MADE A MISTAKE HAS NEVETZ TRUED ANYTHING NEW.

- ALBETZT EINSTEIN

MULTIPLYINGBY D. 15 NOT THE SAME AS DIVIDINGBY 1).

FAILUTZE IS AN OPTION HETZE. IF THINGS ATZE NOT FAILING, YOU ATZE NOT INNOVATING ENOUGH.

- FLON MUSK

COFTWATZE ISN'T TZELEASED, IT'S ALLOWED TO ESCAPE.

TESTING CAN SHOW THE PRESENCE OF BUGS, BUT NOT THEITZ ATBSENCE.

TO UNDETZSTAND TZECUTZSION, YOU MUST FITZST UNDETZSTAND RECUTZSION.

THE BEST WAY TO PREDICT THE FUTURE IS TO INVENT IT.

- ALAN KAY

THE CHEAPEST, FASTEST, AND MOST RELIABLE COMPONENTS OF A COMPUTETZ SYSTEM ATZE THOSE THAT ATZEN'T THETZE.

THE FASTEST ALGORITHM CAN FIZEQUENTLY BE REPLACED BY ONE THAT IS ALMOST AS FAST AND MUCH EASIETZ TO UNDETZSTAND.

THE FITZST STEP IN FIXING A BIZOKEN PTZOGTZAM IS GETTING IT TO FAIL REPEATEDLY.

THE ONLY WAY TO LEATZN A NEW PTZOGTZAMMING LANGUAGE IS BY WIZITINGPIZOGIZAMS WIT.

> - BTZIAN KETZNIGHAN & DENNIS RITCHIE

THE SOONETZ-40U STATZT TO CODE, THE LONGETZ THE PTZOGTZAM WILL TAKE.

- ROY CATZISON

THETZE ATZE 10 TYPES OF PEOPLE IN THE WOTZLD, THOSE WHO UNDETZSTAND BINATZY AND THOSE WHO DON'T.

LE ALL OUTZ TECHNOLOGY IS CTZEATED BY THE SAME PEOPLE, THEN OUTZ SOLUTIONS WILL BE LIMITED AND THEY WILL SETZYE ONLY THOSE PEOPLE. DIVETZSE BACKGTZOUNDS YIELD DIVETZSE MINDS WHICH YIELD DIVETZSE SOLUTIONS.

THETZE ATZE TWO WAYS TO WIZITE ETZIZOTZ-FIZEE PIZOGIZAMS, BUT ONLY THE THIZD ONE WOTZKS.

THETZE IS NO TZEASON ANYONE WOULD WANT A COMPUTETZIN THEITZ-HOME.

- KEN OLSEN, FOUNDETZ AND PTZESIDENT, DIGITAL FQUIPMENT COTZPOTZATION, 1977

THETZE'S ALWAYS ONE MOTZE BUG.

- LUBATZSHKY'S LAW OF CYBETZNETIC ENTOMOLOGY

TO ETZIZIS HUMAN, BUT TO TZEALLY FOUL THINGS UP YOU NEED A COMPUTETZ

- PAUL EHTZLICH

YOU CAN HELP YOUTZ NEIGHBOZWITH YOUTZ_MOUTH, BUT HANDS OFF THEITZ MOUSEL

WEEKS OF PROGRAMMING CAN SAVE YOU HOUTZS OF PLANNING.

LIHEN SOMEONE THIZOUS A \$100 BILL AT 40U, DON'T DUCK

- MATZIE ROBINSON

WHY DO
PTZOGTZAMMETZS
CONFUSE HALLOWEEN
AND CHTZISTMAS?

310ct = 15DEC

USETZ- N. THE WOTZD COMPUTETZ PTZOFESSIONALS USE WHEN THEY MEAN "IDIOT"

- DAVE BATZIZY

PROGRAMS MUST BE WIZITTEN FOIZ PEOPLE TO TZEAD, AND ONLY INCIDENTALLY FORZ MACHINES TO EXECUTE.

> - HAL ABELSON & GETZALD JAY SUSSMAN

ATZI IS NEVETZ FINISHED, ONLY ABANDONED.

- LEONATZDO DA VINCI, ANTICIPATING SOFTWATZE BY FOUTZ CENTUTZIES (?)

RULES FOTZ OPTIMIZATION: /. DON'T DO 1T. 1. (FOTZ EXPERTS ONLY) DON'T DO IT YET.

- MICHAEL A. JACKSON

THE DIFFETZENCE BETWEEN THEOTZY AND PTZACTICE IS SMALLETZ IN THEOTZY THAN IN PTZACTICE.

AS SOON AS YOU AGTZEE ON THE NUMBETZOF SPACES FOTZ INDENTATION, NO-ONE ATZETUES FOTZ TABS.

- ALVATZ LUMBETZG

... THE GIZEAT DOESN'T HAPPEN THIZOUGH IMPULSE ALONE, AND IS A SUCCESSION OF LITTLE THINGS THAT ATZE BIZOUGHT TOGETHEIZ

- VINCENT VAN GOGH

WHEN DEBUGGING, NOVICES INSETZI COTZIZECTIVE CODE; EXPETZIS TZEMOVE DEFECTIVE CODE.

- RICHATED PATTIS

MULTI-THREADING IS THE ATZT OF SCIZEWING THINGS UP BEFORE, DUTZING, OTZAFTETZ SOMETHING ELSE.

- Anonymous

SOME PEOPLE, WHEN CONFIZONTED WITH A PROBLEM, THINK "I KNOW, L'LL USE TZEGULATZ EXPTRESSIONS." NOW THEY HAVE TWO PROBLEMS.

IN CASE OF FIZE:

- \$ git commit -a
- \$ git push

- THANKS TO RIA GALANOS