

Three Steps to Improve Your Process

Communication

Stand Ups

Retrospectives

Estimation

Standups

**1st Best
Thing For
A Better
Process**

What Is It?

Communication

Daily View of Project

Entire Team

Speaking Token

Strictly Timeboxed

**Brutally
Concise:
3 Points**

Yesterday

Today

Issues

SIDEBARS

SIDEBARS

SIDEBARS

Eliminate Churn

Everyone's
in the loop

Retrospectives

2nd Best Thing For Process

Communication

Resolve Team Friction Points

Once every
iteration

**Brainstorm,
Organize,
Vote,
Resolve**

Phase 0: Brainstorm

Good

Bad

Confusing

1 Topic per
Card

No Wrong Topics

Phase B: Organize

Group Collaboration

Organize by Similarity

Phase III: Vote

x Votes Per
Person

1..n Votes per Group

Final Phase: Resolve

Top $\langle X \rangle$ Groups

Self- Organize

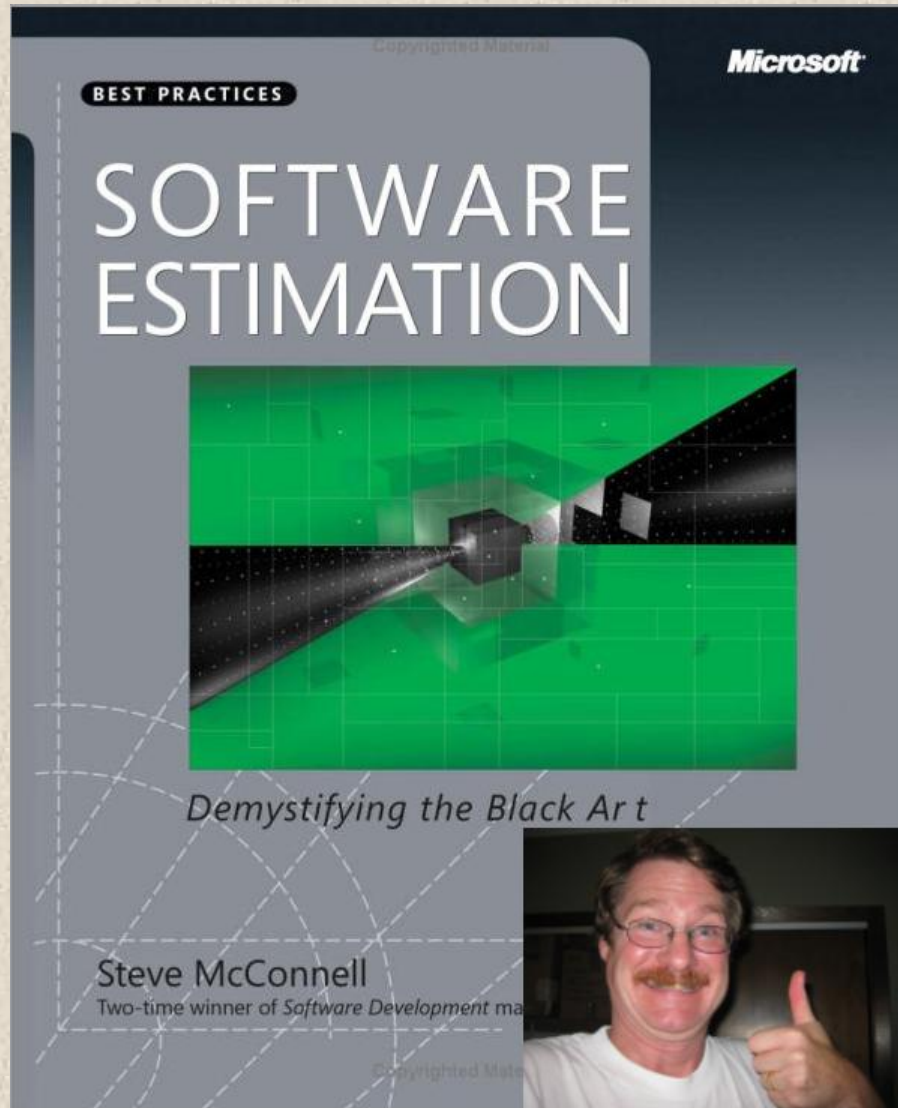
Take Ownership

Fix by Next Iteration

Resolve Sources of Friction

Let's Talk Estimation!

The Real Estimation Bible



**(Steve McConnell
didn't really put me
on the cover)**

Does
Estimate
Accuracy
Matter?

**We'll just do
the Scotty
Factor!**

Oops. Too much \$\$.
We didn't win the bid.

Low estimates



Problems in Estimating

Unknown Domain

Vague or Ginormous Requirements

But first,
ground rules

Estimates
are always
WRONG

(It's
ESTIMATION,
not
EXACTIMATION)

Fail Fast

Honesty & Transparency

Communication

Problem:
Unknown
Domain

Assumptions FTW!

Discovery
Phase, FTW!



Problem:
Vague or
Ginormous
Requirements

**Big Rocks
Into Little
Rocks.**

Assumptions, Again!

Agile, FTW!

Discovery Phase

Theory's Fine.
HOW??

**Break into
small work
items**

1 – 3 days

**5 days is
absolute line
in sand**

Estimates
are for end-
to-end work!

(Discovery,
Dev, QA,
Release)

Group's Average

A2

fx

A

B

C

D

E

F

G

H

I

J

K

1

Risk Factor

2

L 1

3

M 1.5

4

H 2

5

Jim Joe Ethel

6

Hrs Risk Hrs Risk Hrs Risk

7

Task

Avg

Risk

Weighted

8

task 1

8 M 4 L 16 H

9.333333

1.5

14

9

task 2

16 M 10 M 24 M

16.66667

1.5

25

10

task 3

4 L 4 H 4 H

4

1.666667

7

11

Wrapping Up

More Better Estimations

Stand Up!

Do the
Retrospective
Thing

Communication

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Q & A?