



Software Craftsmanship

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What is it all about?

Software craftsmanship is an approach to software development that emphasizes the coding skills of the software developers themselves.

Source: Wikipedia

Origins

... the primary force that's energized the software craftsmanship community is a reaction to the change in the agile movement. In the early days of the agile virus, the dominant strain was Extreme Programming, which has a lot to say about technical practices.

Now the dominant agile strains are Scrum and Lean, which don't care very much about programming - and thus those people who primarily self-identify as programmers feel a large part of their life is no longer important in the agile world.

The software craftsmanship world, therefore, is place where programming can become front-and-central again.

M.Fowler: <http://martinfowler.com/bliki/CraftmanshipAndTheCrevasse.html>

Manifesto for Software Craftsmanship

As aspiring Software Craftsmen we are raising the bar of professional software development by practicing it and helping others learn the craft. Through this work we have come to value:

Not only working software,

but also well-crafted software

Not only responding to change,

but also steadily adding value

Not only individuals and interactions,

but also a community of professionals

Not only customer collaboration,

but also productive partnerships

That is, in pursuit of the items on the left we have found the items on the right to be indispensable.

<http://manifesto.softwarecraftsmanship.org/>

Software Craftsmanship

Why is there a software craftsmanship movement? What motivated it? What drives it now? One thing; and one thing only.

We are tired of writing crap.

We will not make messes in order to meet a schedule.

We will not accept the stupid old lie about cleaning things up later.

We will not believe the claim that quick means dirty.

We will not accept the option to do it wrong.

We will not allow anyone to force us to behave unprofessionally.

Robert C. Martin, <http://cleancoder.posterous.com/software-craftsmanship-things-wars-commandmen>

Software Craftsmanship

We will remember what our grandmothers and grandfathers told us:

- ***Anything worth doing is worth doing well.***
- ***Slow and steady wins the race.***
- ***Measure twice cut once.***
- ***Practice, Practice, Practice.***

We are programmers. We need to talk about programming from time to time. We need time and space to focus on our primary discipline: programming.

- ***Code katas***
- ***Code retreats***
- ***Coding dojo***
- ***Clean code***
- ***Test First***
- ***Test Obsessed***
- ***Code koans***



Robert C. Martin, <http://cleancoder.posterous.com/software-craftsmanship-things-wars-commandmen>

Criticism

Software Craftsmanship risks putting the software at the centre rather than the benefit the software is supposed to deliver, mostly because we are romantics with big egos.

Dan North, <http://dannorth.net/2011/01/11/programming-is-not-a-craft/>

*My ideal of a programmer is someone who is **not just** skilled in the craft of programming, but is **also** energized by learning about the domain by communicating with domain experts so that she can participate in finding the best ways to get software to help make customers rock at what they do.*

The software shouldn't be at the center of a programmer's world, instead a programmer should focus on the benefit that the software is supposed to deliver.

Martin Fowler: <http://martinfowler.com/bliki/CraftmanshipAndTheCrevasse.html>

Sources, references, further reading

1. ***<http://manifesto.softwarecraftsmanship.org/>***
2. ***Clean Code: A Handbook of Agile Software Craftsmanship (Robert C. Martin Series)***
3. ***Robert C. Martin, <https://sites.google.com/site/unclebobconsultingllc/>***
4. ***Martin Fowler, <http://martinfowler.com/bliki/CraftmanshipAndTheCrevasse.html>***
5. ***Dan North <http://dannorth.net/2011/01/11/programming-is-not-a-craft/>***
6. ***Liz Keogh, <http://lizkeogh.com/2011/01/14/why-i-didnt-sign-the-software-craftsmanship-manifesto/>***

Vielen Dank für Ihre Aufmerksamkeit!