

CSE Homework 20160916

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Question1: How to explain the idea to one of your friends whose major is not computer/software?

- Once when talking about how to develop better software, there were probably two kinds of ways which referred to MIT approach and New Jersey approach. And based on his own experience, the author thought that the later one might be a better choice, which we also called "Worse is better". The reason was that it could save much time in developing because it considered implementation simplicity important; and it can work both well in small machines and large ones; finally it tended to gain acceptance first due to people's recognition to the "worse software" rather than "the right things"

Question2:Which contexts does "worse is better" suitable for? Which contexts doesn't? Please give at least two cases for each situation.

- "Worse is better" is suitable for the condition like that if you want your software quickly occupy the market or if you want your software can be widespread used. The examples are Unix/C and XML-RPC. However, it is not suitable for that if your software needs to be totally strong and complete which means that you cannot just emphasize on its simplicity of use and implementation. The examples are firewall and bank security software.

Question3:Please describe one of your own projects, and think whether "worse is better" is suitable for it.

- My summer vacation homework is to design and implement an automatic car app named "Autoer", I firstly managed three iteration plans. In my first plan, I focused on the main fundamental functions I needed to implement. So after the first period, I could probably use the app for most situations. Then in the second and third plans, I turned to dig more potential demands to fulfill my project.

Question4:Please raise your own questions or thoughts that you'd like to discuss.

- 1. Nowadays what popular opinions except these two mentioned above do we use in developing softwares?
- 2. How can we handle the problem caused by the "WIB" software such as lacking functions and poor quality?
- 3. Is today's technology somewhat blur the boundaries between these two concepts?