

Q: (15.2 讲到 Whenever possible, data collection and analysis should be *automated*

时) Why should it be automated?

A: 为了尽可能客观, 排除人为干扰。

Q: What's the meaning of interoperability? Why we need deal with the interoperability? Please give an example.

A: 互操作性; Requirement Change, Software Evaluation, Environment Update, Application Promotion

Q: Please try to design one Class-Oriented Metrics system.

A: 建议如下

- Methods per class.
- Number of code lines per class.
- Depth of inheritance tree.
- Number of collaborative class.

Q: 针对 guidelines 中的两条: Don't use metrics to appraise individuals; Never use metrics to threaten individuals or teams —— 为什么?

A: 过分使用 metrics 可能导致员工偏离核心目标, 片面追求好看的指标。

Q: 开篇问: What to estimate?

A: 参考课件内容

- How long will it take?
- How much effort will be required?
- How many people will be involved?
- Resources (hardware + software) + Risks

