

<<软件工程规范>>

图书基本信息

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## <<软件工程规范>>

### 内容概要

《软件工程规范》一书精辟地阐述了个体软件过程的基本原理，详细地描述了软件开发人员应如何来控制自己的工作，如何与管理方协商各项安排，并指出建造这样一个可度量软件过程和软件产品的结构化工作环境就可应用规范化的方法来解决“软件危机”问题。

本书首先让读者认识到建立软件工程规范的必要性，并介绍了学习如何管理个人软件过程的益处，然后建立了一个开发人员可用来监控、测试和改进其工作的模型。

摘自软件行业的范例进一步强化了本书强调应用的主旨，而项目练习则给读者提供了在学习软件过程管理的同时进行实践的机会。

本书用于帮助软件工程师获得和建立规划、跟踪、分析复杂的大型项目所需的技能和习惯。本书实用性与可读性较强，可作为高等学校计算机软件工程课程的教材，也可作为工程技术人员自学个体软件过程的教材，是进行软件过程改善和能力成熟度模型SW-CMM评估的重要参考资料。

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### 作者简介

Watts S.Humphrey目前受聘于卡内基梅隆大学的软件工程研究所（Software Engineering Institute,SEI），曾是SEI的软件过程计划（Software Process Program）的主任，负责开发改良的软件工程过程方法。他一直同软件行业和政府的软件工程师紧密合作，帮助他们实现这些改良后的方法。加入SEI之前，Humphrey在IBM工作了27年，期间担任过各种技术和管理方面的职务。他是SEI和IEEE的高级会员、美国计算机学会（ACM）的成员，还曾是Malcolm Baldrige国家质量奖评审委员会（National Quality Award Board of Examiners）的成员。

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