

图书基本信息

书名：<<PSP软件工程师的自我改进过程>>

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内容概要

随着软件工程专业的发展和成熟，个体软件过程(PSP)得到了广泛认可和应用实践。本书系统描述了个体软件过程(PSP)，并且解释了按可预测的进度交付优良产品的实践和方法。读者将会了解一个规范的软件工程过程所包括的具体内容。

本书通过14章分步介绍了PSP方法。

第1章描述了PSP整体原理及介绍策略。

第2章和第3章解释了如何遵循一个定义的过程和怎样收集和使用用于管理程序开发作业的数据。

第4至第7章介绍了估算和计划。

第8章至第12章阐述了质量管理和设计。

第13章描述了如何将PSP方法用于各种工作。

第14章描述如何将PSP方法用于TSP过程，以及TSP指导经过PSP训练的软件工程师怎样在一个项目中使用这些方法。

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，同时也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。

此书作为SEI的PSP Body of Knowledge(BOK)的学习指导教材，为掌握PSP知识体提供必要的帮助。

本书还可供软件过程改进人员、软件开发项目经理、程序员阅读参考。

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