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題目:

Software Quality in Programming Education: The Key to Building Reliable and Maintainable Software

演講摘要:

This talk highlights the critical role of software quality in programming education. Emphasizing software quality helps students create maintainable, scalable, and reliable software. By teaching good coding practices like clear structure, unit testing, and version control, students learn to avoid technical debt and reduce errors. Additionally, software quality enhances team collaboration by making code easier to read and maintain. The talk will also discuss practical methods to integrate software quality into education preparing students to meet real-world development demands.

個人簡介:

陳錫民為國立中央大學資訊工程學系博士，現任逢甲大學資訊工程學系教授。陳博士過去多年在國際軟體公司擔任軟體架構師具備大型軟體實務開發經驗，回到學校後致力於軟體工程與程式教育領域之研究，其主要研究領域涵蓋軟體工程、程式教育、自動化軟體測試與分散式計算。