软件工程

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What is required of

Maintenance Programmer?

What is Required of Maintenance programmers?

◆ **Every maintenance programmer needs to be an expert in**

➢ **Specifications**

➢ **Design**

➢ **Implementation**

➢ **Integration**

➢ **Testing**

➢ **Documentation**

What is Required of Maintenance programmers?

◆ **Maintenance is one of the most difficult aspects of software process, because**

  ➢ **maintenance incorporates aspects of all other phases.**

  ➢ **it needs superb diagnostic and debugging skills.**

  ➢ **it needs superb testing skills.**

  ➢ **it needs superb documentation skills.**

  ➢ **it is thankless.**

Current Status of Maintenance

◆ **Nevertheless, even today many organizations assign maintenance to**

➢ **unsupervised beginners**

➢ **less competent programmers**

How can this situation be changed?

➢ **Management must understand that maintenance is a challenge, and good maintenance is critical for the success of the organization.**

➢ **Managers must restrict maintenance tasks to their best programmers with all skills needed to perform maintenance.**

➢ **And pay them accordingly.**

Case Discussion

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➢ **Post-delivery Maintenance Mini Case Study**