What is SPM

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Software Project Management

Abstract

In order to manage a software project successfully, the SPM(Software Project Management) should combine specific knowledge, skills, efforts, experience, capabilities.And SPM is a sub-discipline of project management in which software projects are planned, monitored and controlled.It's not easy to be a real good SPM.

Keywords: software engineering, project management, planning, risk assessment

1 Introduction

"There are lots of important issues of Sofeware Project Management.Such as" [Kenwright b]

- Managing people,process and problems during software project.
- Relating software metrics with software projects.
- Estimating effort,cost and project duration.
- Risk assessment techniques.
- Project scheduling.
- Project quality management.
- Formal Technical Reviews.
- Change management during software development and after delivery to customer

2 What's Projects

Project is a temporary endeavor undertaken to create a unique product or service. Project may involve a single person or thousands,project may be completed in hours,serval months or year.

3 What's Project Management

Project Management is the discipline of planning,organizing,and managing resources to bring about the successful complection of specific project goals and objectives.

4 What should Project Management have

"Project Management is a core of the project,so manager must have many skills." [Kenwright a]

- leardership
- communication
- problem solving
- negotiating
- Influcing the Organization
- Mentoring
- Process
- technical expertise

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5 conclusion

"Software project management in reality requires a more detailed insight into the practices themselves and many case studies, as well as a lot of experience, judgment, and intuition. Experienced managers always take the issues and practices reported in the open literature just as rough guidelines and adapt them to the context of their current project." [Devedzic]

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