What is SPM?

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Software Project Management

Abstract

This article gives a brief explanation for software project management. Include what is software project management ? Why is it so important.
This article has been formatted. Software project management is very important and very useful nowadays.If we dont use it well, there will have some bad effects.

Keywords: radiosity, global illumination, constant time

1 Introduction

Software project management is used for leading project management. It is an essential tool for you to manage software project on time and within budget. Moreover, it enables you to create better software solutions - more reliable, scalable and efficient. This article give a brief introduction to software project management.

The range of software project management include the hole process of software engineering. To make the project success, software project management should pay attention to work range, possible risk, acquire resource , planning, risk assessment and so on. software project management should be started before technology work, until finish the project work. If this software can be right guided , and it will avoid the mistake.

Software project management include different parts:

- Software Quality Assurance
- Software configuration management
- Software requirements specification
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2 Software Quality Assurance

Software Quality Assuranceconsists of a means of monitoring the software engineering processes and methods used to ensure quality. SQA encompasses the entire software development process, which includes processes such as requirements definition, software design,source code control, testing, release management, and product integration.

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3 Software configuration management

In software engineering, software configuration management is the task of tracking and controlling changes in the software.If something goes wrong, SCM can determine what was changed and who changed it.

4 Software requirements specification

software requirements specification is a description of a software system to be developed.Software requirements specification establishes the basis for an agreement between customers and suppliers.

5 success project

The way to make project succeed:

- Make sure all decisions are based on openly shared information.
- Dont second-guess your team members expertise .
- Introduce software quality from the very beginning of the project .
- Dont impose an artificial hierarchy on the project team .
- Remember that the fastest way through the project is to use good engineering practices .
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6 Why is software project management so important?

- Software project management is very important in software project.
- A great management can lead the project to success. Whats more, it can save cost for project.
- In business, it can also help project finished before deadline.
- With software project management, you can find the mistake with your group and have a high quality project.
- Last but not the least, software project management can help the group know the target of the project.

7 Overview

Software project management is used for software can be finished with process, quality, cost, so it will manage and analyze via process,project,product and people.

8 Summary

Software development projects are needed to control the schedule, cost and quality, so there are three factors weigh new problems. In

practice, the three aspects were carried out effective control measures to ensure the completion of the project. This paper has certain practical significance to the development of software project control.