

# Software Development Processes

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## Abstract

The article gives a brief and **concise explanation to the highly valuable nature of** Software Development Processes. If you are experienced, you'll find this article has something for you. If you are experienced, you'll find this article a light refresher to the subject, and if you are deciding whether or not to delve into the field of Software Development Processes, this article may help you make that significant decision.

## 1 Introduction

Software development process is the software design thought and the method of general process, which include the software's function how to complete, the overview structure of the software and module design, programming and debugging, alignment, testing, write, and submit the project.

## 2 Overview

1. As we known, users' needs decide the software project. When editor design a software, he need to list the software's function and the module design. The list is clear what need editor to do for the software project.
2. With the list, editor should think about how to complete the every function, how to divide each template, pay attention to the places which easy to get wrong.
3. With the general plan, this step editor will thinking more careful. They have accurate to every module designs' algorithm which can complete the project.
4. Programming and debugging.
5. This step, user can see the software how

to work and give the advise, whether this software to be in line with his provenience, if not the editor will do some adjust.

6. When the project finished, editor need write the software project report, which include the Reporting requirement, design reports, test reports. He also need to write the User guide.
7. Check and accept.

## 3 Summary

Software Development Processes rule the step of software so that editor can complete the project quickly and be in perfect order. It can give editor clearly plan to design this project and save the time of user's and editor's. Software Development Processes become the necessary thing in software project.

So if we want complete a software project we need to learn:\*

- (1) master the basic technical requirements analysis, testing, maintenance;
- (2) to grasp the method of software metrics and software configuration management;
- (3) understand the concept of software reuse,
- (4) understanding the means of software quality assurance;
- (5) understanding the software projects demand for personnel;

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\* [by] software engineer project development process. Software engineer training institutions. 2012-12-28