Part 1

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Dynamic programming, a new intelligent software development model.It is a software design strategy that considers processes as software components.This new approach brings new advantages and challenges to software development.Dynamic software programming In order to adapt to the objectively changing environment, the software has certain dynamic adaptability.Process Communication refers to the exchange of information or results between two calls of a process.Process independence refers to the fact that a process is not owned by any particular caller but instead becomes a member of the entire process community. This means that a process operates independently and has its own resources and memory space, making it separate from other processes.

Part 2

陈戒

Part 3

陈实

We think there are 2 aspects to consider Dynamic Software Programming and Dynamic Adaptability. The first aspect is software development. The main consideration is how to rapidly design, develop, test and deploy software for different needs, or how to better support the evolution of software on the basis of the original software to adapt to the dynamic needs of the environment. For example, Design Pattern, AOP in Spring, etc. are all related to the adaptability of software development.The second is dynamic runtime, which means while facing the dynamic environmental changes, such as changes in system resources, changes in user access, etc., how to make the software response and take effective measures to cope with those changes. We think those are the topics that we have to deal with in software development in the future.