

Abstract

In recent years, Web 2.0 technology is Web development and application software systems development is extremely active in the area, and is fast becoming a major one of the Web development model. 2000 after a period of time, the development of the Internet is a low period, the Big waves wash the sand is also a section of the course. It is during this period Evolved from the bottom of the new Internet revolution. March 2004, Web 2.0 was officially proposed and quickly spread to the Internet. And the following is that the Internet has long been accumulated in the innovation of the re-release.

This paper will be selected in the Web 2.0 representative of the characteristics of several points on research in the hope of showing a general Web 2.0 in the current period's basic profile. At the same time focus on the technical level, make some use of Web 2.0 technology for Web development of the core processes and methods, such as Ajax (Asynchronous JavaScript and XML) technology, the Web is how to bring Web application development in the client's ability to enhance programming and richer user experience.

In previous work, most of the research and application are directed at a Web 2.0 technology in the research and implementation. This paper first described the concept of Web 2.0, a more systematic discussion of the history of the development of the Internet and Web 2.0 applications and the origins of the status quo, discussed it with the traditional distinction between the Internet of some of the unique nature and characteristics. And then further on the Web 2.0 in one of the core technology - Ajax the concept of systematic analysis of the Ajax design idea and principle.

Based on the concept of Ajax technology on the basis of the Construction Department of Computer Science Teaching site compiler theory, the system using B / S architecture and two-tier Web development model, the use of PHP + Apache + MySQL development, that is, by the PHP front page to achieve performance logic and complex system of internal business logic, MySQL database back-end use of data logic. The system uses pop classics with free open-source match-ups, the system has good compatibility and stability.

Key Words: Web 2.0, Ajax, PHP, User experience, Interactive