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SOFTWARE CLASSIFICATION

Software is a collection of programs designed to solve problems on your computer. Software and hardware work in an interconnected manner. Any hardware device is controlled by software. Software can be divided into three classes: system, application and tool.

Modern software is universal. In addition, there are utilities and applets. Utilities - small useful programs with limited features. Any software product must be tested to identify defects and errors made during the software development phase.

The main components of system-wide software are operating systems, which solve the problem of interconnected operation of individual components. There are three operating systems: a batch processing operating system, an operating system with a real-time distribution of tasks, an operating system used to control various processes.

Programming systems are designed to facilitate and partially automate the process of developing and debugging programs. The main components of these systems are translators and installers.

Maintenance programs are test programs and special management programs.

Application software is designed to solve applied problems of human professional activity (application in practice). The range of such programs is extremely wide: from industrial and scientific to educational and entertainment. Here you can select general-purpose programs and spreadsheets.

Tool software is designed to develop all types of information software. This software includes subwoofer: editors, spreadsheets, database management systems, programming language translators and integrated production systems.