



Application of Moodle System and Its Capabilities

Annation:	<i>This article mentioned the moodle system in education. The information received about this system is aimed at creating working conditions and its control. In addition, measures have been taken to eliminate some failures in the moodle system.</i>
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This article contains answers to questions that arise from new users of the Moodle system. The Moodle e-learning system itself is not too difficult to use. But those who have encountered the Moodle system for the first time and do not know on what principles it is built and how it works, may have problems using it. An example of such problems is the user's ignorance of the principle of operation of the Moodle system, ignorance of the principles of solving problems in the Moodle system. Among them, the accumulation of many similar problems requiring complex and quick solutions makes the system complex, which makes it a "myth" of use in the system. One of these "myths" leads to the conclusion that in the system of higher educational institutions, the user must be an experienced programmer and work only in the Moodle system.

In the Moodle Center to summarize and systematize the resources currently accumulated <http://moodle-center.ru> the site has been created. This site eventually became popular, began to post information about the operation of the Moodle system and became the main resource of the system.

The Moodle system is a system that supports distance learning and e-learning. Let's get acquainted with its capabilities.

Distance learning is a form of education in a particular discipline or industry through remote transmission, reception of information by means of modern information and communication technologies, which has its advantages over traditional education. He can simultaneously educate the wider community. Thanks to the development of science and technology, the amount of information needed to provide students is significantly increasing. Delivering this information to students using traditional methods and tools remains one of the most difficult tasks. To date, distance learning in the process of teaching students is one of the most necessary tools, and great success has been achieved in this area on a global scale. An example is distance learning in the MOODLE system.

Moodle is a website content access management system designed to enable a teacher to teach using an online course. The Moodle system is, in fact, an object-oriented Moodle dynamic educational environment management system. The founder of the Moodle system is Martin Dugiamas, a lecturer in Computer Science and Education at Curtin University in Australia, who put forward the idea of creating this system in 1999 and created the Moodle 1.0 system in 2002. This system is a free advanced software package, which, thanks to its functionality, provides a wide range of amenities for distance learning participants. Today, the moodle system is used in their educational process by prestigious universities



around the world. Moodle, a remote learning management system, currently has more than 46 thousand educational portals in 70 languages in 200 countries around the world, where about 2 million users are registered, and more than 300 developers-programmers work in them.

The Moodle system can be used for:

- for distance learning-in which the training is conducted without meeting the teacher and student face to face for most of the time;

- distance education support -based on e-learning tools, students can receive assignments using the Moodle system and send them for verification;

- practical tasks and tests are carried out during training sessions in the Moodle e-learning system.

The Moodle system allows:

- the possibility for the teacher and student to choose a convenient time and place for learning;

- mastering knowledge;

- communication between the teacher and the student only when it is necessary. If the student completes the tasks on time, then he remains in communication with the teacher.

- individuality of upbringing;

- save time and money-there will be no need to spend time and money on training.

Moodle is installed on the server, the user gets access to it via the network using browsers.

The demand for "client" computers on the network is not so high-basically, the browser could work, so all currently available computers that can connect to the Internet have access to this system.

The Moodle system has no restrictions on the number of users, all restrictions depend on the technical characteristics of the server. Based on this, is it worth installing the Moodle system on all computers? The question arises: no, it is enough only if the computer you are using is connected to the Internet.

To get to know Moodle better, he has a demo version, and it is available at [http://demo.moodle.net /](http://demo.moodle.net/).

Installation and configuration of the Moodle system. When organizing the login-password presentation to log in to Moodle on the first page, the following steps must be performed; from the "administration" blog, "security" is selected, and from it - "site security policy". On the loaded page, a check mark is put "force users to fight in the system".

For the independent return of users, in the blog "settings", sequentially going to "plugin => Authentication => authentication settings", from the list "self-sufficient registry", "self-sufficient registry by email" is selected.

The transfer of the Moodle file from one server to another is carried out as follows;

- Copying files in the Moodle and Moodle data directories.

- The Data warehouse dump (MO) is being moved. Usually the generated dump and its annotation on the server are executed using phpmyadmin or mysqldump.

- Config when accessing MO in the configuration file and resolving directories.conversion to php.

It is clear that such actions must necessarily be performed by a user who is familiar with the Moodle system, since most of the data may remain without a full-fledged migration, therefore it is more expedient to move in the following way.

- Install exactly the same version of Moodle on your computer

- Copying archives in the specified way on the old server with the creation of a backup copy

- Transfer the archive to a new server and restore the archives there.



To increase the maximum size of the uploaded file, in the Moodle system, it is necessary to pay attention to cases in three places, since size limits may be set in these places.

- In the Moodle system itself,
- In the settings of the PHP programming language,
- In the settings of web servers.

That is, all three cases are checked sequentially, the restriction is identified and eliminated.

Education in a narrow sense refers to the concept of teaching. But it is not only the process of training in various educational institutions, but also the process of mastering information in the family, production and similar fields.

Education embraces knowledge and education, pursues the goal of developing the power of the Republic in the field of intelligence and science, forming a harmonious free personality in all respects, realizing its responsibility before society, family and the state. Therefore, it is also considered a priority sphere.

Education is the process of acquiring knowledge, skills and abilities, the main means of preparing a person for life Labor. In the process of education, knowledge is mastered and education is carried out.

Educational activities include the following: a) the acquisition of information about the necessary characteristics of the universe for the successful organization of a particular type of experimental and practical activity (the product of this process is knowledge); B) the acquisition of methods and means of generating these types of activities (the product of these processes will consist of skills); C) the choice of the right.

All actions of a person guided by a conscious goal in the assimilation of certain knowledge, skills and abilities will be associated with education.

The essence, purpose and content of education is determined by the cultural development of society, the development of Science and technology, the level of implementation of production technologies, etc. Depending on social relations, the need and need for general knowledge, professional training of people, ideas about education, the essence, purpose, forms of Organization of the content of education, methods and means of implementation change and improve in the different periods (stages)of personality society.

The essence of education is the result of the interaction of participants in this process. In the process of education, the worldview, ability, qualities (qualities)of a person change. In the process of education, the socio-historical experiences of the personality society are mastered by the students, and in this way it provides spiritual, cultural, social succession between generations.

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