

JetBrains. There are GO plugins for others IDEs, including IntelliJ Idea and NetBeans.

GO is a cross platform programming language that allows creating programs for various operating systems such as Windows, Mac OS, Linux, FreeBSD. The code is portable: programs written for one of the above mentioned operating systems can be easily recompiled and transferred to the other OS.

At present time quite a number of successful projects use this language, namely, Google, Dropbox, Netflix, Twitch, Uber, Cloudflare. GO language specialists are in demand at the Ukrainian IT market today, that makes a good incentive to learn this language.

References

1. Bui-Palsulich T. Using Go Modules [Электронный ресурс] / Т. Bui-Palsulich, E. Compton – Режим доступ к ресурсу: <https://blog.golang.org/using-go-modules>.
2. Kemal Y. The SOLID Principles of Object-Oriented Programming Explained in Plain English [Электронный ресурс] / Yigit Kemal – Режим доступ к ресурсу: <https://www.freecodecamp.org/news/solid-principles-explained-in-plainenglish/>
3. <https://docs.microsoft.com/en-us/cpp/error-messages/compiler-errors-2/compiler-errorc3016?view=vs-2019>
4. https://en.wikipedia.org/wiki/Rob_Pike
5. <https://golang.org>
6. https://www.ibm.com/developerworks/ru/library/l-go_01/index.html

CERTIFICATION

Bobrov Il. O., student,

Voronova Ye. M., Associate Professor,

Kharkiv National Automobile and Highway University.

Certification is a form of confirmation of objects compliance with established requirements, carried out by a certification body. The overall goal of certification is to give confidence to all interested parties producing, processing and giving services, meeting specified requirements. As a result of certification, it is expected to obtain a certificate of conformity, which is not a guaranteed result: the certification body is authorized to refuse both certification and the issuance of a certificate of conformity in a number of cases [1].

The objects of certification are different, the determining factor is the nature of certification:

- products;
- processes;
- work;
- objects

Requirements for objects of certification, compliance with which is assessed during their certification, are established by various sources:

- technical regulations;

- standardization of documents;
- terms of contracts;
- voluntary certification systems
- Certification by types of objects
- Product certification

Certification of products is carried out as a part of mandatory. It should be carried out by certification bodies accredited in the national accreditation system for compliance. This requirement is understandable and logical, however, in relation to voluntary certification, we see a difficulty in resolving this issue.

Management systems certification Certification of management systems is carried out to assess the compliance of management systems with the requirements of standards for certain management systems [2].

Personnel certification Personnel certification is a way to ensure that certified individuals meet the requirements for a specific job or task. Certification of personnel is carried out by certification bodies accredited for compliance. One of the characteristic functions of personnel certification bodies is to conduct examinations that use objective criteria for determining competence and a scoring system.

Certification can be mandatory or voluntary. Mandatory certification is carried out by the certification body. Voluntary certification of products is subjected to mandatory certification and does not cancel its mandatory, it can be performed and in excess of it to assess compliance with its requirements that are different from the mandatory ones, which means the minimum, obviously, upwards.

Certification results As a result of certification it is expected to obtain a certificate of conformity, which doesn't guarantee any result: confirmation or refusal. Certification is carried out at the initiative of the applicant under the terms of the agreement between the applicant and the certification body [3].

References

1. <https://ru.wikipedia.org/wiki/>
2. <https://uk.wikipedia.org/wiki/>
3. <https://sqe.gov.ua/diyalnist/sertifikaciya/>

DEVELOPMENT OF DIGITALIZATION OF THE EDUCATIONAL PROCESS IN MODERN CONDITIONS

**Ilin O. A., student,
Tymoshchuk O.O., PhD, Senior Lecturer
State Biotechnological University**

In modern conditions, educational communications are becoming an important element in the formation of the information society of the world. Today this process is directly related to global informatization, the emergence of a wide range of computer communication technologies[1]. Knowledge, intelligence and the latest technologies have become the main objects of the information society in Ukraine. Due to the rapid development of Internet resources, access to scientific sources is