

GO



ALL-ROUND TALENT WITH GREAT POTENTIAL PROGRAMMING LANGUAGE

Go is a statically typed open-source programming language characterized by concurrency, parallel computing and garbage collection. Together these features form a high-performance language. Originally developed by Google for system programming of their own services, developers have come to appreciate its simplicity, high development comfort as well as its efficiency when it comes to compiling and executing the code. In addition, Go runs across all operating systems. DevOps tools such as Docker, Kubernetes, Prometheus or Grafana primarily use Go as their programming language.

ADVANTAGES OF GO

- Go applications can be executed in a simple and uncomplicated manner, as the need for installing a runtime environment is not required
- Microservice oriented and a perfect fit for cloud services
- The development kit already comes with numerous, high-quality, open-source libraries and best-practice examples
- Secure, concise and precise — microservices are developed in just a few hours
- Perfectly suited for a progressive migration of legacy applications (e.g. by executing C/C++ libraries)

Go is backed by global IT players like Google, AWS and Heroku and has seen a steady increase in demand since 2018!

AERIS EXPERTISE – APPLICATIONS & ARCHITECTURES

- Web services and REST APIs
- Interfaces between heterogeneous systems
- Lightweight daemons for data aggregation
- Accurate, small-scaled microservices for various fields of applications
- Solutions for real-time analysis of data streams to detect faults in an industrial production line

WHY GO IS SO VALUABLE TO AERIS' CLIENTS

- Rapid development and delivery of a solution — either stand-alone or as containers
- Reliability, security and performance of our applications
- Simple integration into existing IT landscapes
- Native, concurrent programming
- Small memory and CPU footprint
- Quality of the source code and tests
- Integration with CI/CD tools for automatic testing, build jobs and deployment of software
- Knowledge transfer to the development team of our clients