

CGI Devenor – Micro service management tool for complex development projects

With CGI Devenor we support organizations with the homogenization of their application land-scapes. We bring developers and project managers closer together with a visual micro service management tool. Devenor automates the development work and reduces the effort of implementation.

THE CHALLENGE

Ever more complex application architectures represent a growing challenge for project managers and developers. Increasingly large development teams, blurred architectural vision, and the complexity of the project can often be difficult to explain, leading to lower acceptance by management. In combination with microservice based architectures, which require a high degree of coordination, these situations create a multitude of sources of error, cost drivers and planning uncertainties.

OUR ANSWER

What if previously developed code can be reused? What if organisational standards can be defined during development? What if complex interrelationships in the infrastructure can be displayed graphically, eliminating the need for coordination and minimizing sources of error?

DEVELOPMENT PHASES - SAVINGS POTENTIAL

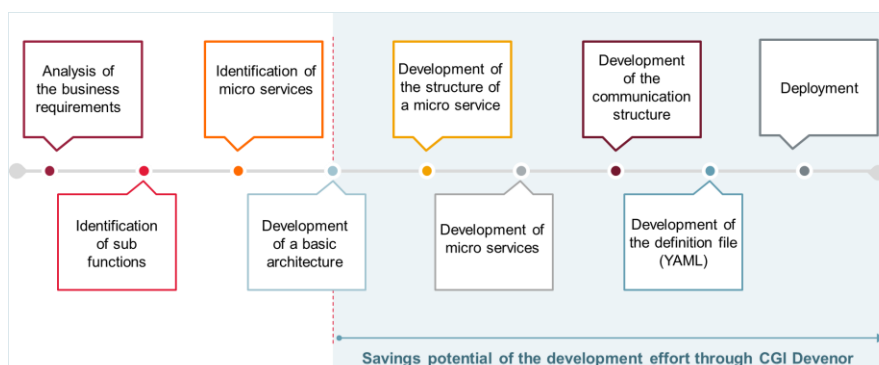


Figure 1: Devenor is able to generate through many development phases – from the development of the basic architecture to the deployment – a significant reduction of the development effort.

CGI

Experience the commitment®



ADVANTAGES AT ONE GLANCE

- Reusability of already developed micro services
- Establishment of standards
- Graphical processing
- Reduced training effort
- Reduced conception and development effort
- Provision of Micro services templates
- Infrastructures as a Code (replication of the development environment)

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With CGI Devenor, we are not reinventing development. We do, however, help to meet the challenges more efficiently and comprehensibly. We provide developers and project managers with a tool that provides support to both sides strengthening mutual understanding.

CGI DEVENOR – THE FEATURES

- **Automated serialization of data** – no more time-consuming creation and correction of configuration files (YAML)
- **Code Reuseability** – already developed code can be easily reused thanks to the innovative microservice library
- **Graphic Visualization** – By graphically illustrating the dependencies of individual resources and microservices in the architecture, it is possible to make the complexity clear to non-developers
- **Kubernetes Deployment Ready** – Automatically generated configuration files are directly deployed into Kubernetes Cluster
- **Standardization** – Templates are used to consolidate standardized organizational-wide software architectures
- **Basic Structure** – Creating the microservice framework for the individual business logic
- **Property Injection** – Reduction of the error rate of applications through central property injection

CGI considers itself as an independent service provider. Working with selected partners that offer the perfect technological solutions for the respective application.

CGI Devenor – is the response to complex development projects to effectively reduce high development and coordination efforts. Feel free to ask us!

ABOUT CGI

CGI is a global service provider for IT and business processes. We were founded in 1976 and have a total of 78,000 employees at 400 locations in 40 countries.

We are on-site for our customers – with strategic IT and business consulting, systems integration, managed IT, business process services, and intellectual property at a top level.

We support our customers in making better use of ongoing investments, while at the same time leveraging new digital technologies and business strategies that enable customers to achieve the best solutions across the entire value chain.

Regarding time and budget, we are regularly awarded due to our strict delivery discipline. To this end, we have consistently achieved more than nine out of ten potential points in customer satisfaction surveys over the past ten years.

For more information contact us at info.de@cgi.com or visit us at de.cgi.com

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