# CLOUD NATIVE APPLICATION PACKAGING

Simplify the management of cloud-native applications with software packaging.

## Problem

The switch to cloud-native platforms such as Kubernetes or OpenShift is accompanied by increased complexity in the configuration and management of applications.

Ensuring the reusability and scaling of applications can quickly become very time-consuming and error prone.

## Solution

Software packaging has long been familiar in the operating system environment. Such solutions also exist for cloud-native platforms. Using the Kubernetes package manager Helm, customised software packages can be developed that are specifically tailored to your application requirements. The resulting packages can be seamlessly integrated into existing workflows and automatically installed on your environments via CI/CD pipelines.

## Key features

- Workshop to analyse requirements
- Identification of potential applications and use cases.
- Development of an installation package using Helm, including testing and documentation.
- Optional:
  - Automated integration into monitoring and testing tools

## Benefits

- Increased efficiency and productivity by reducing the manual effort involved in deploying the application.
- Improved consistency and reliability thanks to standardized deployments of the package across different environments.
- Version control and easy rollback of the application installation thanks to packaging.

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