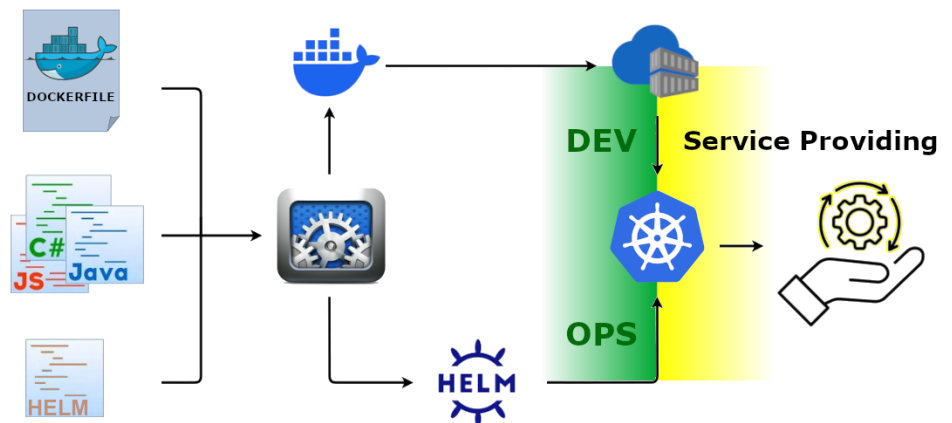


**Course Title:** Kubernetes Administration

**Course Description:** We are going to present an open source orchestration system for automating deployments, scaling and management of containerized applications.

**Course Content:**

1. Overview of Concept and Architecture
2. Installation and Configuration of a Kubernetes Cluster
3. Pod's/YAML's/HELM
4. Storage
5. Workloads and Scheduling
6. Network
7. Security
8. Monitoring & Logging
9. Troubleshooting
10. Presentation of a real world scenario example



**Requirements:** Intermediate Linux skills, a personal computer/notebook and a good internet connection.

**Course Teacher:** Schmucki ICT, Marco Schmucki (ICT Senior System Engineer)

**Course Length:** 3 days (Mo. - Mi. or Mi. - Fr.) / around 21h in total (7h per day)

**Course Location:** Online (also in-class at an education or office location possible)

**Course Price:** SFr. 1'750.- / per student (min. 5 people)