# SDN-R Developer Guide

For starting development with sdnr proceed with SDN-R Introduction and Dev Steps

- SDN-R Development
- Creating and installing a new feature into SDN-R
- Creating a "component meta-feature"
- High Level Review - DMAAP Listener and RPC/DG Execution
- DMAAP Listener Docker Development and Configuration
- Directed Graphs Development for YANG/RPC Execution
- Creating SDNC/oam image with SDN-R functionality
- Mount IPv6 devices

For running an SDN-R container on a server start with  SDN-R Creating and running instances

- Creating an instance of SDN-R

Working with SDN-R/SDNC and OOM

- Working with the OOM Rancher/Kubernetes installation
- Installation of SDNR/SDNC into ONAP at OWL

SDN-R wt microservices including ODLUX

- SDN-R microservices
- Developing ODLUX web application

Open Test Framework (OTF)

ONAP instances at OWL

- OWL Cloud Inventory
- Backup and restore

SDN-R interfacing with Configuration & Persistency Service

**HINT: SDN-R, SDNR and sdnr are having the same meaning here**