Python ONAP SDK

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Project overview

Interact with ONAP services
- HTTP API usage
- Services with exposed port

Easy to use
- High level abstraction
- Written in Python
- 9 lines script to service onboarding
- Easily customized

Well documented
- Up to date code documentation
- Usage examples
  - E2E vFW instantiation

Version 1.0 released!
Current status

Python ONAP SDK

A&AI  SDC  SO  SDNC  NBI  VID  Multicloud  CDS
Example – instantiate with NBI

```python
from onapsdk.aai.business import Customer
from onapsdk.nbi import ServiceOrder, ServiceSpecification
from onapsdk.service import Service
from onapsdk.vf import Vf
from onapsdk.vsp import Vsp

vendor = Vendor(name=VENDOR_NAME)
vendor.onboard()
vsp = Vsp(name=VSP_NAME, vendor=vendor, package=open(VSP_FILEPATH, "rb"))
vsp.onboard()
vf = Vf(name=VF_NAME, vsp=vsp)
vf.onboard()
service = Service(name=SERVICE_NAME, resources=[vf])
service.onboard()
service_specification = ServiceSpecification.get_by_id(service.identifier)
customer = Customer.get_by_global_customer_id(GLOBAL_CUSTOMER_ID)
customer.subscribe_service(service)
service_order = ServiceOrder.create(customer, service_specification)
```
What next?

› Macro instantiation

› Migrate from onap_tests to pythonsdk_tests
  › CNF
  › CLAMP
  › CDS
  › Policy
› Project is hosted on GitLab.com => https://gitlab.com/Orange-OpenSource/lfn/onap/python-onapsdk/
› Documentation => https://python-onapsdk.readthedocs.io/en/latest/
› Rocket chat „onap-integration” channel
› Integration team meetings
› Michal.Jagiello@t-mobile.pl
Thank You!