

# Project Plan: JSON examples for ODL User Guides by Dhiraj Sharma

## Goals

Add **JSON, XML payloads** for *OPENFLOW, NETCONF, ODL Controller* and look for their functionality with existing JSON, XML payloads.

**Migrating Wiki contents** of *OPENFLOW, NETCONF, CONTROLLER, MDSAL, OPFLEX, YANGTOOLS, INTEGRATION, TEST, INFRAUTILS* from [https://wiki-archive.opendaylight.org/view/Main\\_Page](https://wiki-archive.opendaylight.org/view/Main_Page) to <https://wiki.opendaylight.org/>

## Tasks

#	Activity	Due Date	Status
1.	Adding <b>JSON</b> payloads along with <b>XML</b> payloads in <b>OPENFLOW</b> User Guide	22 Jun 2020	COMPLETED
2.	Migrating wiki content of <b>OPENFLOW</b> documentation	06 Jul 2020	COMPLETED
3.	Adding <b>JSON</b> payloads along with <b>XML</b> payloads in <b>NETCONF</b> User Guide	27 Jul 2020	COMPLETED
4.	Migrating wiki content of <b>NETCONF</b> documentation	10 Aug 2020	COMPLETED
5.	Conclude <b>OpenFlowPlugin</b> and <b>NETCONF</b> user guides	24 Aug 2020	COMPLETED
6.	Migrate wiki content of <b>CONTROLLER</b>	07 Sep 2020	COMPLETED
7.	Migrate wiki content of <b>INTEGRATION, TEST</b>	21 Sep 2020	COMPLETED
10.	Migrate wiki content of <b>YANGTOOLS</b>	13 Nov 2020	COMPLETED

## Deliverables

- *OPENFLOW, NETCONF, ODL Controller* documentation with **JSON** and **XML** Payloads
- **Migration of wiki pages** of *OPENFLOW, NETCONF, ODL Controller, MDSAL, OPFLEX, YANGTOOLS, INTEGRATION, TEST, INFRAUTILS* from <https://docs.opendaylight.org/en/stable-magnesium/> to <https://wiki.opendaylight.org/>

## Implementation

- I have planned to use <https://pypi.org/project/xmljson/> python package to convert XML to JSON for payloads which will create an error with ODL conversion.
- The converted payload can be tested on ODL controller for verification and accordingly changes will be done manually to the payload for further improvement, if it is not satisfactory.

## Milestones

### Week 6

- ✓ Setting up mininet, **ODL** and understanding **OPENFLOW**
- ✓ Adding **JSON** payloads along with **XML** payloads in **OPENFLOW** User Guide
- ✓ Migrating wiki content of **OPENFLOW** documentation

### Week 12

- ✓ Adding **JSON** payloads along with **XML** payloads in **NETCONF** User Guide
- ✓ Migrating wiki content of **NETCONF** documentation

### Week 18

- ✓ Migrate wiki content of **CONTROLLER**
- ✓ Migrate wiki content of **INTEGRATION, TEST**

### Week 24

☒ Migrate wiki content of **YANGTOOLS**

☐ **Summary Report**