

# Topology Processing Framework

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## Introduction

[Topology Processing Framework Presentation](#)  
[YouTube video introduction](#)

## Links

- [Topology Processing Framework Proposal](#)
- [Releases](#)

## List of possible correlations

- Node ID's  
Same node with multiple uncoordinated mgmt-protocol (different plugins for the same node) produces:  
Different nodes in inventory nodes with different ids in uncorrelated network topology plane or planes (for example ospf and isis topologies)  
In this cases id's are different, but in common they can have- an attribute (for example te-router-id is unique, an administrative name or label, system-id, mac address, bridge id, part number...)- a value in a set (for example router-id can be multiple for a node)
- Termination-points  
represented in different topology planes that are on the same node-connector in order to identify client server relationship.
- Customer edge ports  
as termination-point in network-topology
- Functionality / feature  
e.g. node supporting special actions, matches, features

## MLMT Module

The aim of the Multi-Layer and Multi-Technology (MLMT) module in TPF project is to augment the network topology model currently in use inside OpenDaylight architecture in order to represent all technologies and layers managed by the SDN Controller in a single topological plane providing a normalized view.

- [Description](#)

## Documentation

- [Developer Guide](#)

## Requirements

## Release Planning

## Project Facts

Project Creation  
Date: December 18th, 2014

Lifecycle State: Incubation

Type: Service

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Archives: [mailing list archives](#)

Meetings: See [Community Meetings](#)

Repository: git clone <https://git.opendaylight.org/gerrit/topoprocessing>

Jenkins: [jenkins silo](#)

Gerrit Patches: [code patches /reviews](#)

Bugs:

- [open bugs](#)

## Release Notes