

Table Type Patterns: Boron: Release Plan

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Introduction

This is the Boron release plan of [TTP project](#).

Please check [the main wiki page of TTP project](#) for more details.

Release Deliverables

Name	External API	Description
Bug fixing	n/a	High-priority bug fixes.
Flow_paths	CLI only	Tracking all flow management options for a TTP
Comparison	CLI only?	Comparing Flow_paths for two separate TTPs (typically app and device level)
TTP 1.1 support	via updated YANG model	adopt changes as needed from soon-to-be-published TTP 1.1 spec / JSON schema
Dynamic Map (tentative)	no programmatic API	Enable human guided dynamic map of App TTP request to Device TTP
Auto-load to TTP repository (tentative)	via TTP YANG model and augmentations	read TTPs from disk (or remote URLs) into the TTP repository
DIDM driver (tentative)	via DIDM?	provide a DIDM driver based on the dynamic maps
TTP pipeline snippets and composition (very tentative)	unknown, based on interest or work	provide a way to describe snippets of OpenFlow pipeline and compose them to make full pipelines originally targeting vSwitches

Release Milestones

- **Offset: 2**

Milestone	Offset 2 Date	Deliverables	
M1	3/24/2016	Name	Description
		Release Plan	Candidate Release Plan
M2	5/5/2016	Name	Description
		Release Plan	Final Release Plan

M3	6/2/2016	Name		Description	
		Feature Freeze			
		Candidate Stable Distribution		A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	
		Extension Distribution		A running candidate of what is attempting to be the extension distribution.	
M4	6/30/2016	Name		Description	
		API Freeze			
		Candidate Stable Distribution		A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	
		Extension Distribution		A running candidate of what is attempting to be the extension distribution.	
M5	8/4/2016	Name		Description	
		Code Freeze			
		Candidate Stable Distribution		A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	
		Extension Distribution		A running candidate of what is attempting to be the extension distribution.	
RC0	8/11/2016	Name		Description	
		Candidate Stable Distribution		A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	
		Extension Distribution		A running candidate of what is attempting to be the extension distribution.	
RC1	8/18/2016	Name		Description	
		Candidate Stable Distribution		A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	
		Extension Distribution		A running candidate of what is attempting to be the extension distribution.	
RC2	8/25/2016	Name		Description	
		Release Review		Release Review Description	
		Candidate Stable Distribution		A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	
		Extension Distribution		A running candidate of what is attempting to be the extension distribution.	
RC3	9/1/2016	Name		Description	
		Release Review		Release Review Description	
		Candidate Stable Distribution		A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	
		Extension Distribution		A running candidate of what is attempting to be the extension distribution.	
Formal Release	9/8/2016	Name		Description	
		Deliverable Name	Deliverable Description		

Externally Consumable APIs

Note: While the CLI tool is intended for external consumption in that we expect people outside to use it, it is not intended for programmatic consumption and so the API is not listed in this table.

Short Name	Description	Type (at M2)	Type (at M3)	Type (release)	Contract	Supporting Code
TTP YANG model	Model for TTPs, DB of avail. TTPs, augmentation to nodes providing active and supported TTPs	Stable (may be some edits)	Stable (may be some edits)	Stable	YANG models	none now
TTP Driver	At least one app to device TTP driver	Tentative	Provisional	Dropped	none yet, likely using DIDM API	none now
Pipeline Snippet Utilities	Tools create, chain, use TTPs as pipeline snippets	Tentative	Dropped	Dropped	none yet	none now

Providing Project	Deliverable Name	Needed By	Acknowledged?	Description
controller	features	M3	No	basic controller features
odlparent	features	M3	No	odlparent values
openflowplugin	features	M3	No	flow programming and extensions
openflowjava	features	M3	No	??
yangtools	features	M3	No	yangtools for compiling yang

Expected Incompatibilities with Other Projects

(Need to complete this... CurtB)

Compatibility with Previous Releases

Removed APIs and/or Functionality

Deprecated APIs and/or Functionality

Changed APIs and/or Functionality

Themes and Priorities

- Increase the usefulness of tool functions for the "parser" utility
- Invest significantly in documentation
- Provide some deployable controller TTP functionality

Requests from Other Projects

Active Requests

Test Tools Requirements

(This needs further development.)

Other