

OSDM OpenAPI Specification

New Development and Release Process

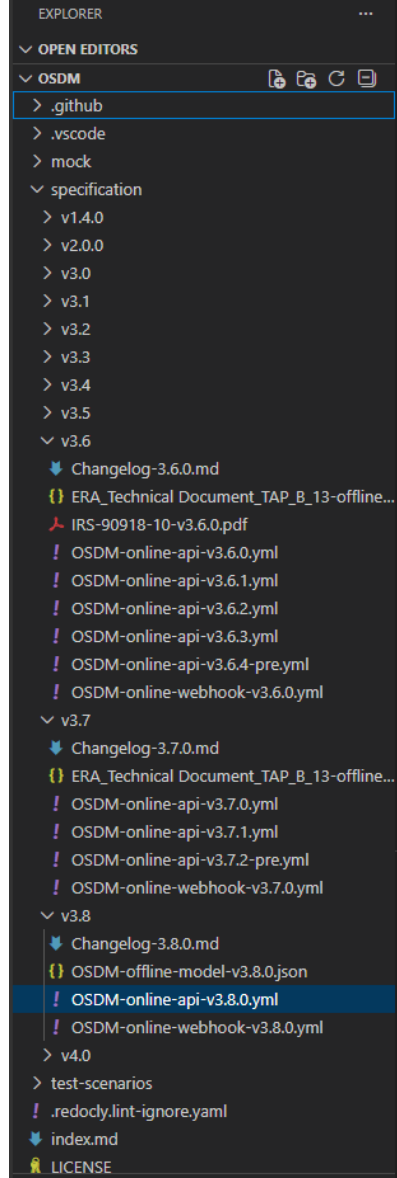
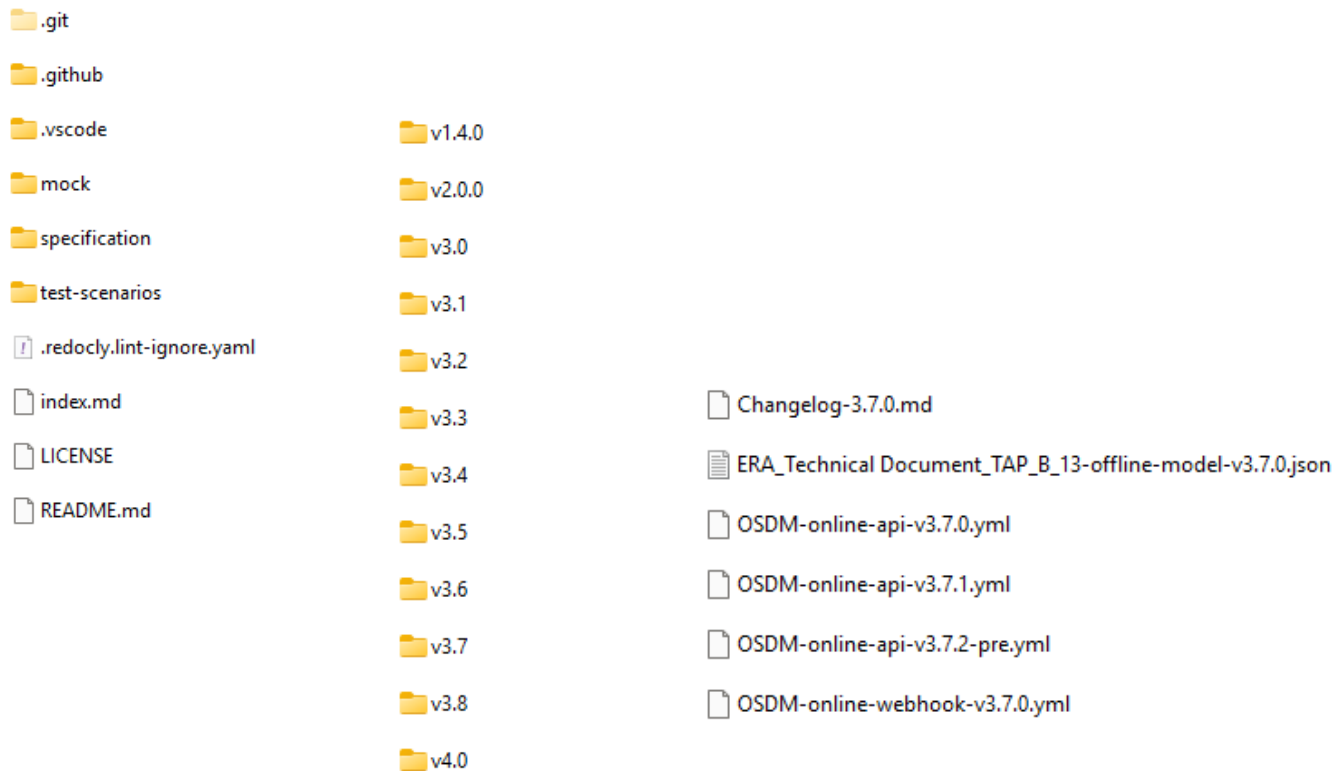
6. 3. 2026, OSDM Technical Group
Josef Petrák, Bileto

Github Issues

- [#1223](#) Improve release and branching process
- [#1318](#) Tracking minor change?
- [#1334](#) Standardize a method for creating changelogs
- [#1336](#) Improve how to find OSDM version information

What's the current
version?

One release-multiple version files



Viewing 62

Filter (Ctrl + Alt + f)

LOCAL 7

REMOTE 16

CLOUD PATCHES 0

PULL REQUESTS 8

ISSUES

TEAMS

TAGS 39

list

v.3.1

V3.1.0

V3.3.1

v3.7

v3.6.2

v3.6

v3.5.5

v3.5.2

v3.5

v3.4.4

v3.4.2

v3.4

v3.3.3

v3.3.2

v3.3

v3.2.4

v3.2.3

v3.2.2

v3.2

v3.1.3

v3.1.2

v3.0.7

v3.0.6

v3.0.5

BRANCH / TAG

GRAPH

COMMIT MESSAGE

gh-pages

1381-get-book...

features/ojp...

1355-carrier...

1355-carrier...

1376-contin...

1332-remov...

1359-define...

1356-id-pho...

ma...

Merge pull request #1375 from UnionInternationalCheminsdeFer/1329-datetime-format-alignment Deep dive on the use of dates ...

Update OSDM-online-api-v4.0.0-draft.yml

Refactor CLAUDE.md for improved readability and formatting

Add OJP Fare Service API specification v3.8.0

new erro code in case of ambiguous trip specification

carrier is optional in dated journey when used in requests with trip specification

continuous leg added in trip specification

Deep dive on the use of dates and times in OSDM

Update catalog-of-code-lists.md

Merge pull request #1373 from UnionInternationalCheminsdeFer/1365-need-additional-functional-error-code Added OFFER_INVA...

Added OFFER_INVALID_PASSENGER_SPECIFICATION

Update catalog-of-code-lists.md

Update OSDM-online-api-v4.0.0-draft.yml

Merge pull request #1366 from UnionInternationalCheminsdeFer/osdm_3_8_changelog OSDM 3.8.0 Changelog

OSDM 3.8.0 Changelog

Update OSDM-online-api-v4.0.0-draft.yml

Update OSDM-online-api-v4.0.0-draft.yml

Update OSDM-online-api-v4.0.0-draft.yml

Merge pull request #1362 from UnionInternationalCheminsdeFer/1325-collective-mode-can-passengers-be-grouped-into-multiple...

Update collective-individual-ticketing.md

Update OSDM-online-api-v4.0.0-draft.yml

Update OSDM-online-api-v4.0.0-draft.yml

Update collective-individual-ticketing.md

Update navigation.yml

Create collective-individual-ticketing.md

Update implementations.md

Update technical-principles.md

Merge pull request #1349 from UnionInternationalCheminsdeFer/nullable-names allow nullable person names

Merge pull request #1351 from UnionInternationalCheminsdeFer/1258-suggest-a-master-data-endpoint-for-promotion-codes Ad...

Corrected operationId



Who changed it
and why?

Current Development Process

- Copy latest minor or patch version file
- Bump version number
- Develop changes
- Git Tag
- Repeat

Painpoints of current process

- Mistake of missing (point patch) release
 - Point patch file was in draft in Git repository but never released, next pull request increment version
- Mistake of post-release modifications
- MAJOR: loss of git history across versions
 - Git blame does not walk different version files but single file name
- Unclear recognition of current version
- Bloat of files in repository

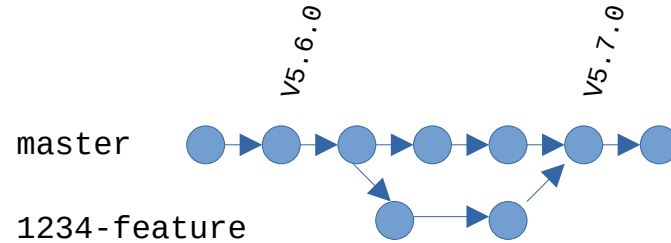
Let's do trunk
based
development!

Trunk based development

- master branch is the trunk
- there is only single specification/openapi.yaml file
- Git has history across versions
- Git commit without Git tag – this is draft/work in progress on next release
- Git commit with Git tag – this is THE RELEASE

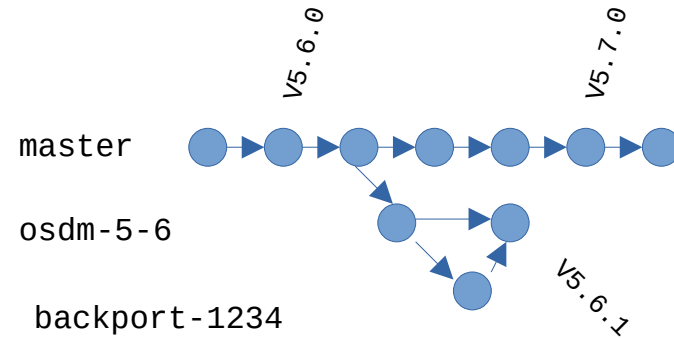
How we do modifications?

- Process does not change
 - Git branch from master
 - Git pull request to master



How we do backports?

- Process changes and simplifies
 - Git branch for backports is created
 - Git branches are created from backport branch, not master
 - Git tags are created in backport branch
 - Backport branch never gets merged to master



Where is the OSDM 4.0

- It will reside in osdm-4-0 branch
- It will get merged into master when 4.0 GA will be released
- OSDM 3.X
 - will move to LTS branch if further minor versions are planned
 - or we follow backport process

How to recognize the released file?

- Checkout Git tag
- Follow Git releases (when Microsoft fixes them)
- Latest posts at osdm.io

Questions?