

YANG Validator

I have one or multiple YANG files and I want to validate them

Select files

File name	File size	
ieee802-dot1q-mstp-bridge@2024-08-13.yang	2.09 KB	<div>×</div>
ieee802-dot1q-rstp-bridge@2024-08-13.yang	1.91 KB	<div>×</div>
ieee802-dot1q-rstp@2024-08-13.yang	22.32 KB	<div>×</div>
ieee802-dot1q-mstp@2024-08-20.yang	13.83 KB	<div>×</div>

Validate

I have the Internet Draft/RFC document and I want to validate it

Select file

No file selected.

I know the number of IETF RFC and I want to validate it

ietf RFC number

RFC number, e.g. 7223

Validate

I know the name of IETF Draft and I want to validate it

ietf Draft name

Fill the draft name

Validate

YANG Catalog

[I want to use the REST API for validating the IETF RFCs >>](#)

Validation Results

XYM Extraction

No warnings or errors

[ieee802-dot1q-mstp-bridge@2024-08-13.yang](#)

Pyang Validation

```
yangvalidator-v2-workdir-dcPqCvSb/ieee802-dot1q-mstp-bridge@2024-08-13.yang:1: warning: RFC 8407: 4.1: the module name should start with the string
yangvalidator-v2-workdir-dcPqCvSb/ietf-interfaces@2018-02-20.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
yangvalidator-v2-workdir-dcPqCvSb/ietf-interfaces@2018-02-20.yang:3: warning: the namespace should be on the form urn:ieee:std:{IEEE standard design
yangvalidator-v2-workdir-dcPqCvSb/ietf-yang-types@2024-08-07.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
yangvalidator-v2-workdir-dcPqCvSb/ietf-yang-types@2024-08-07.yang:3: warning: the namespace should be on the form urn:ieee:std:{IEEE standard design
yangvalidator-v2-workdir-dcPqCvSb/ieee802-dot1q-bridge@2023-10-26.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-
yangvalidator-v2-workdir-dcPqCvSb/ieee802-types@2023-10-22.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:2: warning: the namespace should be on the form urn:ieee:std:{IEEE standard designati
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:49: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:54: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:59: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:64: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
```



```
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:280: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:283: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:288: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:293: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:328: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:331: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:339: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:381: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:411: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:422: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:427: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:430: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:433: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:444: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:447: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:450: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:463: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:466: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/ieee802-dot1q-types@2023-10-26.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-
yangvalidator-v2-workdir-dcPqCvSb/ieee802-dot1q-rstp-bridge@2024-08-13.yang:1: warning: RFC 8407: 4.1: the module name should start with the string
yangvalidator-v2-workdir-dcPqCvSb/ieee802-dot1q-rstp@2024-08-13.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
yangvalidator-v2-workdir-dcPqCvSb/ieee802-dot1q-mstp@2024-08-20.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
```

Confdc Validation

```
ietf-interfaces@2018-02-20.yang:55) is converted to 'string' when part of a union
ieee802-dot1q-mstp@2024-08-20.yang:193) cannot be part of a union
```

Yanglint Validation

Yangdump-pro Output

No warnings or errors

[ieee802-dot1q-rstp-bridge@2024-08-13.yang](#)

Pyang Validation

yangvalidator-v2-workdir-dcPqCvSb/ieee802-dot1q-rstp-bridge@2024-08-13.yang:1: warning: RFC 8407: 4.1: the module name should start with the string
yangvalidator-v2-workdir-dcPqCvSb/ietf-interfaces@2018-02-20.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
yangvalidator-v2-workdir-dcPqCvSb/ietf-interfaces@2018-02-20.yang:3: warning: the namespace should be on the form urn:ieee:std:{IEEE standard design
yangvalidator-v2-workdir-dcPqCvSb/ietf-yang-types@2024-08-07.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
yangvalidator-v2-workdir-dcPqCvSb/ietf-yang-types@2024-08-07.yang:3: warning: the namespace should be on the form urn:ieee:std:{IEEE standard design
yangvalidator-v2-workdir-dcPqCvSb/ieee802-dot1q-bridge@2023-10-26.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
yangvalidator-v2-workdir-dcPqCvSb/ieee802-types@2023-10-22.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:2: warning: the namespace should be on the form urn:ieee:std:{IEEE standard designati
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:49: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:54: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:59: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:64: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:69: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:74: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:79: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:84: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:89: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:94: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:99: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:104: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:109: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:114: error: RFC 8407: 4.8: statement "revision" must have a "reference" substatement


```
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:427: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:430: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:433: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:444: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:447: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:450: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:463: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/iana-if-type@2023-01-26.yang:466: error: RFC 8407: 4.14: statement "identity" must have a "description" substateme
yangvalidator-v2-workdir-dcPqCvSb/ieee802-dot1q-types@2023-10-26.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-
yangvalidator-v2-workdir-dcPqCvSb/ieee802-dot1q-rstp@2024-08-13.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
```

Confdc Validation

No warnings or errors

Yanglint Validation

No warnings or errors

Yangdump-pro Output

No warnings or errors

[ieee802-dot1q-rstp@2024-08-13.yang](#)

Pyang Validation

```
yangvalidator-v2-workdir-dcPqCvSb/ieee802-dot1q-rstp@2024-08-13.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
```

```
yangvalidator-v2-workdir-dcPqCvSb/ietf-interfaces@2018-02-20.yang:3: warning: the namespace should be on the form urn:ieee:std:{IEEE standard design
yangvalidator-v2-workdir-dcPqCvSb/ieee802-types@2023-10-22.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
```

Confdc Validation

No warnings or errors

Yanglint Validation

No warnings or errors

Yangdump-pro Output

No warnings or errors

[ieee802-dot1q-mstp@2024-08-20.yang](#)

Pyang Validation

```
yangvalidator-v2-workdir-dcPqCvSb/ieee802-dot1q-mstp@2024-08-20.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
yangvalidator-v2-workdir-dcPqCvSb/ietf-interfaces@2018-02-20.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
yangvalidator-v2-workdir-dcPqCvSb/ietf-interfaces@2018-02-20.yang:3: warning: the namespace should be on the form urn:ieee:std:{IEEE standard design
yangvalidator-v2-workdir-dcPqCvSb/ietf-yang-types@2024-08-07.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
yangvalidator-v2-workdir-dcPqCvSb/ietf-yang-types@2024-08-07.yang:3: warning: the namespace should be on the form urn:ieee:std:{IEEE standard design
yangvalidator-v2-workdir-dcPqCvSb/ieee802-dot1q-rstp@2024-08-13.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
yangvalidator-v2-workdir-dcPqCvSb/ieee802-types@2023-10-22.yang:1: warning: RFC 8407: 4.1: the module name should start with the string "ieee-"
```



```
ietf-interfaces@2018-02-20.yang:193) is converted to string which part of a union  
ieee802-dot1q-mstp@2024-08-20.yang:193) cannot be part of a union
```

Yanglint Validation

No warnings or errors

Yangdump-pro Output

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