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API Reports

Queue resource can list ongoing validations and fetch information about individual validation.

Reports resource lists available validation reports and retrieve validation report in Json format.

Reports -resource return always 200 OK when successful.

HTTP Methods

GET /v1/reports

Returns list of available validation reports. Reports -resource lists last 10 available reports.

Possible status texts are

- completed = Validation report is available
- error = Validation report is available but validation has ended with an error.

Example Request

```
curl -k -H "Authorization: Bearer Token" https://<service_or_demo>.xmlvalidation.com/api/v1/reports
```

Example Response

HTTP/1.1 200 OK

```
{
  "reports" : {
    "report" : [ {
      "status" : "completed",
      "created_at" : "2014-02-26 09:38:08",
      "id" : "accf6520-cdf2-4f67-8cf0-595c50c8d72b"
    }, {
      "status" : "completed",
      "created_at" : "2014-02-26 09:08:03",
      "id" : "243479fd-5f59-461c-9f33-831334c457ad"
    }, {
      "status" : "completed",
      "created_at" : "2014-02-26 09:08:02",
      "id" : "bdf3cbdc-5b56-4233-a40c-ec3e01275f55"
    }, {
      "status" : "error",
      "created_at" : "2014-02-26 09:08:02",
      "id" : "38d85414-578b-41b6-a6ec-5fb701ff6b86"
    }
  ]
}
```

GET /v1/reports/{id}

Get specific validation report object.

Example request

```
curl -k -H "Authorization: Bearer Token" https://<service_or_demo>.xmlvalidation.com/api/v1/reports/69f4e0c2-16c6-4c91-97b0-16be708ec082
```

Example Response

HTTP/1.1 200 OK

```
{
  "validationResult" : {
    "xmlfile" : {
      "id" : "54e54f19-51e5-43d0-931f-acce3278443b",
      "pcode" : "1234placeholder2",
      "result" : false,
      "encodingErrors" : null,
      "unexpectedExceptions" : null,
      "schemaValidation" : null,
      "businessValidation" : {
        "result" : false,
        "errors" : {
          "rule" : [ {
            "ruleName" : "R_35a_E_CdtrAgt_mand",
            "ruleDescription" : "<![CDATA[Beneficiary's bank (CdtrAgt) is mandatory.]]>",
            "level" : 3,
            "levelText" : "ERROR",
            "rulesetname" : "Crossborder_CT_Business_Rules",
            "wikilink" : null,
            "linesRulesFailedOn" : {
              "line" : 40
            }
          }
        ], {
          "ruleName" : "R_38a_Dbtr_PstlAdr_noQuery",
          "ruleDescription" : "<![CDATA[Dbtr/PstlAdr/Ctry and AdrLine are mandatory in crossborder payments.]]>",
          "level" : 3,
          "levelText" : "ERROR",
          "rulesetname" : "Crossborder_CT_Business_Rules",
```

```

    "wikilink" : null,
    "linesRulesFailedOn" : {
      "line" : 17
    }
  } ]
},
"notices" : {
  "rule" : [ {
    "ruleName" : "R_38_N_Cdtr_PstlAdr_StrtNm",
    "ruleDescription" : "<![CDATA[Postal Address' street name usage is recommended.]]>",
    "level" : 2,
    "levelText" : "NOTICE",
    "rulesetname" : "Crossborder_CT_Business_Rules",
    "wikilink" : null,
    "linesRulesFailedOn" : {
      "line" : 49
    }
  }, {
    "ruleName" : "R_39_N_Cdtr_PstlAdr_BldgNb",
    "ruleDescription" : "<![CDATA[Postal Address' building number usage is recommended.]]>",
    "level" : 2,
    "levelText" : "NOTICE",
    "rulesetname" : "Crossborder_CT_Business_Rules",
    "wikilink" : null,
    "linesRulesFailedOn" : {
      "line" : 49
    }
  }, {
    "ruleName" : "R_40_N_Cdtr_PstlAdr_PstCd",
    "ruleDescription" : "<![CDATA[Postal Address' post code usage is recommended in creditor.]]>",
    "level" : 2,
    "levelText" : "NOTICE",
    "rulesetname" : "Crossborder_CT_Business_Rules",
    "wikilink" : null,
    "linesRulesFailedOn" : {
      "line" : 49
    }
  }, {
    "ruleName" : "R_41_N_Cdtr_PstlAdr_TwnNm",
    "ruleDescription" : "<![CDATA[Postal Address' town name usage is recommended in creditor.]]>",
    "level" : 2,
    "levelText" : "NOTICE",
    "rulesetname" : "Crossborder_CT_Business_Rules",
    "wikilink" : null,
    "linesRulesFailedOn" : {
      "line" : 49
    }
  } ]
},
"infos" : null

```

Validation Report response fields

This chapter includes some additional details how different fields in validation report should be interpreted.

Field	Type	Description
validationResult	Object	Results envelope
xmlfile	Object	field containing validation results per file
id	String	Original ID
pcode	String	Original pcode
result	Boolean	true false. Global value if validation of file is passed or failed. This includes schemavalidation result and business validation results. Additionally if any other error occurs, validation result is marked as false.
encodingErrors	String	Error String if encoding errors are detected in the validated file.
unexpectedExceptions	String	Error string if unexpected errors has occurred during the validation. This is usually caused by technical problem and XMLdation support should be informed.
schemaValidation	null or Object	Null if no schema errors. Otherwise contains Array of Schemaerrors
schemaValidation -> result	Boolean	true false Schema validation result
schemaValidation -> errors	Array	Contains Array of possible

		SchemaValidation Error objects
schemaValidation -> errors -> rule	Object	Rule object contains details about individual Schema validation Error.
businessValidation	null or Object	Null if no Business validation rules (Errors, notices, infos). Otherwise contains Array of Schemaerrors
businessValidation -> result	Boolean	true false Result if Business validation is considered passed or failed. Any error level rule marks Business validation as failed. If there's only Notices and/or Infos. Business validation is passed.
businessValidation -> errors notices infos	Array	Array of businessValidation error, notice or Info rule objects.
businessValidation -> errors notices infos -> rule	Object	Rule object contains details about individual businessValidation error, notice or info. Structure for these 3 objects are the same. Business Error marks the whole validation result as false (failed). Notices are possible recommendations. Infos are other suggestions or extra information.

Possible error messages**401 Unauthorized**

HTTP/1.1 Status 401 will be returned in case invalid credentials are provided. See additional information from [Authentication](#)

404 Not Found

HTTP/1.1 Status 404 will be returned if the requested report item does not exist.

```
{
  "error" : {
    "status" : 404,
    "message" : "report not found",
    "extraInfo" : "https://wiki.xmldata.com/XMLdata_API_Service_Guide/v1/API_Resources/
Validation_Reports"
  }
}
```