

# WBJE API (v1.0.0)

Download OpenAPI specification: [Download](#)

License: [Proprietary](#)

REST API for the Web Based Job Editor.

## Cylinders

Endpoints for managing cylinders within a job. Accessible roles: service (ROLE\_ADMIN) and operator (ROLE\_USER).

### Get a single cylinder

Returns a specific cylinder by id, scoped to the given job. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

└─ jobId <i>required</i>	integer <int64>
└─ cylinderId <i>required</i>	integer <int64>

### Responses

> **200** Cylinder retrieved successfully.

> 404 Cylinder or job not found.

GET /jobs/{jobId}/cylinders/{cylinderId} ▾

## Response samples

200

404

### Content type

application/json

#### SingleCylinderExample

Copy

```
{  
    "id": 10,  
    "cylinderNr": 1,  
    "color": "Cyan",  
    "cylinderInfo": "TechSleeve",  
    "jobId": 100,  
    "tapeSpecId": 10  
}
```

## Update a cylinder

Updates the fields of an existing cylinder. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

└─ jobId	integer <int64>
└─ cylinderId	integer <int64>

REQUEST BODY SCHEMA: application/json

**required**

Cylinder request payload for updating an existing cylinder.

cylinderNr	integer <int32>	>= 1	Cylinder sequence number within the job. Must be unique per job.
color	string		Cylinder color label.
cylinderInfo	string		Optional cylinder-specific information.
tapeSpecId	integer <int64>		Identifier of the TapeSpec used by this cylinder.

## Responses

› **200** Cylinder updated successfully.

› **400** Validation failed for the request body.

› **404** Cylinder or job not found.

› **422** Domain validation failed (invalid updates or incompatible specs)

PUT /jobs/{jobId}/cylinders/{cylinderId} ▾

## Request samples

Payload

Content type

application/json

CylinderUpdateRequestExample

Copy

```
{  
    "cylinderNr": 1,  
    "color": "Cyan",  
    "cylinderInfo": "TechSleeve",  
    "tapeSpecId": 10  
}
```

## Response samples

200

400

404

### Content type

application/json

#### CylinderUpdatedExample

Copy

```
{  
    "id": 10,  
    "cylinderNr": 1,  
    "color": "Cyan",  
    "cylinderInfo": "TechSleeve",  
    "jobId": 100,  
    "tapeSpecId": 10  
}
```

## Delete a cylinder

Deletes a cylinder belonging to the specified job. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

↳ jobId	integer <int64>
↳ required	
↳ cylinderId	integer <int64>
↳ required	

## Responses

— **204** Cylinder successfully deleted.

› **404** Cylinder or job not found.

**DELETE** /jobs/{jobId}/cylinders/{cylinderId} ▼

## Response samples

**404**

### Content type

application/json

#### CylinderDeleteNotFoundExample

Copy

```
{  
    "timestamp": "2025-01-10T14:32:11.123",  
    "status": 404,  
    "error": "Not Found",  
    "message": "Cylinder not found for id: 10",  
    "path": "/jobs/100/cylinders/10",  
    "fieldErrors": null  
}
```

## Get all cylinders for a job

Returns all cylinders associated with the given job. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

## PATH PARAMETERS

---

→ jobId integer <int64>  
required

---

## Responses

› **200** Cylinders retrieved successfully.

› **404** Job not found for the given id.

GET /jobs/{jobId}/cylinders



## Response samples

**200**

**404**

### Content type

application/json

#### CylinderListExample

[Copy](#) [Expand all](#) [Collapse all](#)

```
[  
- {  
    "id": 10,  
    "cylinderNr": 1,  
    "color": "Cyan",  
    "cylinderInfo": "TechSleeve",  
    "jobId": 100,  
    "tapeSpecId": 10  
},
```

```
- {
    "id": 11,
    "cylinderNr": 2,
    "color": "Cyan",
    "cylinderInfo": "TechSleeve",
    "jobId": 100,
    "tapeSpecId": 10
}
]
```

## Create a new cylinder

Creates a new cylinder in the specified job. Cylinder numbering must remain unique per job.  
Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > [keycloak](#)

PATH PARAMETERS

↳ jobId integer <int64>  
required

REQUEST BODY SCHEMA: application/json  
required

Cylinder request payload for creating a new cylinder within a job.

↳ cylinderNr	integer <int32>	<small>&gt;= 1</small>
	Cylinder sequence number within the job. Must be unique per job.	
↳ color	string	
	Cylinder color label.	
↳ cylinderInfo	string	
	Optional cylinder-specific information.	
↳ tapeSpecId	integer <int64>	
	Identifier of the TapeSpec used by this cylinder.	

## Responses

› **201** Cylinder successfully created.

› **400** Validation failed for the request body.

› **404** Job not found for the given id.

› **422** Domain validation failed (e.g. duplicate cylinderNr or invalid TapeSpec relation)

POST /jobs/{jobId}/cylinders



## Request samples

### Payload

#### Content type

application/json

#### CylinderRequestExample

Copy

```
{  
    "cylinderNr": 1,  
    "color": "Cyan",  
    "cylinderInfo": "TechSleeve",  
    "tapeSpecId": 10  
}
```

## Response samples

**201**

**400**

**404**

#### Content type

application/json

#### CylinderCreatedExample

Copy

```
{  
    "id": 10,  
    "cylinderNr": 1,  
    "color": "Cyan",  
    "cylinderInfo": "TechSleeve",  
    "jobId": 100,  
    "tapeSpecId": 10  
}
```

## Tape Specifications

Endpoints for managing tape specifications. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

### Get a tape specification by id

Returns a single tape specification. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ **id** required integer <int64>

### Responses

> **200** TapeSpec retrieved.

> **404** TapeSpec not found.

GET /tape-specs/{id} ▾

## Response samples

200 404

**Content type**  
application/json

TapeSpecExample

{  
  "id": 1,  
  "tapeName": "Tesa",  
  "thickness": 0.45,  
  "description": "Tesa premium flexo mounting tape."  
}

Copy

## Update a tape specification

Updates an existing tape specification. Accessible role: service (ROLE\_ADMIN).

AUTHORIZATIONS: > keycloak

### PATH PARAMETERS

— id integer <int64>  
required

REQUEST BODY SCHEMA: application/json  
required

Updated TapeSpec payload.

— tapeName string [ 0 .. 255 ] characters  
required  
Name of the tape specification.

tapeType	string [ 0 .. 255 ] characters	Type or category of the tape.
thickness	integer <int32> >= 0	Thickness of the tape in micrometers.
info	string [ 0 .. 255 ] characters	Optional additional information about the tape specification.

## Responses

› **200** TapeSpec updated.

› **400** Validation error.

› **404** TapeSpec not found.

› **422** Domain validation failed

PUT /tape-specs/{id}



## Request samples

### Payload

#### Content type

application/json

TapeSpecUpdateRequestExample

Copy

```
{  
    "tapeName": "Tesa",  
    "thickness": 0.48,  
    "description": "Updated Tesa performance flexo tape."  
}
```

## Response samples

200

### Content type

application/json

TapeSpecUpdatedExample

Copy

```
{  
    "id": 1,  
    "tapeName": "Tesa",  
    "thickness": 0.48,  
    "description": "Updated Tesa performance flexo tape."  
}
```

## Delete a tape specification

Deletes the TapeSpec with the given id. Accessible role: service (ROLE\_ADMIN).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ id integer <int64>  
required

## Responses

— 204 TapeSpec deleted.

— 404 TapeSpec not found.

> 409 TapeSpec is in use by one or more Cylinders (EntityInUseException)

**DELETE**

/tape-specs/{id}



## Get all tape specifications

Returns all tape specifications. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

## Responses

> **200** List of TapeSpecs retrieved.

**GET**

/tape-specs



## Response samples

**200**

**Content type**

application/json

TapeSpecListExample

[Copy](#) [Expand all](#) [Collapse all](#)

[

- {

```
"id": 1,  
"tapeName": "Tesa",  
"thickness": 0.45,  
"description": "Tesa premium flexo mounting tape."
```

},

```
- {
    "id": 2,
    "tapeName": "3M",
    "thickness": 0.5,
    "description": "3M high-performance flexo tape."
}
]
```

## Create a new tape specification

Creates a new tape specification. Accessible role: service (ROLE\_ADMIN).

AUTHORIZATIONS: > *keycloak*

REQUEST BODY SCHEMA: application/json  
required

Payload for creating a new TapeSpec.

- tapeName	string [ 0 .. 255 ] characters	Name of the tape specification.
- tapeType	string [ 0 .. 255 ] characters	Type or category of the tape.
- thickness	integer <int32> [>= 0]	Thickness of the tape in micrometers.
- info	string [ 0 .. 255 ] characters	Optional additional information about the tape specification.

## Responses

> **201** TapeSpec successfully created.

> **400** Validation failed.

> 422 Domain validation failed (invalid TapeSpec structure)

POST /tape-specs



## Request samples

Payload

Content type

application/json

TapeSpecRequestExample

Copy

```
{  
  "tapeName": "3M",  
  "thickness": 0.5,  
  "description": "3M high-performance flexo tape."  
}
```

## Response samples

201

400

Content type

application/json

TapeSpecCreatedExample

Copy

```
{  
  "id": 1,  
  "tapeName": "Tesa",  
  "thickness": 0.45,  
  "description": "Tesa premium flexo mounting tape."  
}
```

# Reports

Endpoints for managing reports (plates) in the Web Based Job Editor. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

## Get a report by id

Returns a single report (plate) for the given identifier. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ `id` integer <int64>  
required

## Responses

> **200** Report successfully retrieved.

> **404** Report with the given id was not found.

GET /reports/{id} ▾

## Response samples

**200**

**404**

**Content type**

application/json

## ReportExample

Copy

```
{  
    "id": 100,  
    "reportNr": 1,  
    "reportWidth": 400,  
    "xOffset": 10,  
    "yOffset": 20,  
    "cylinderId": 12,  
    "reportSpecId": 5  
}
```

## Update a report

Updates an existing report (plate) for the given identifier. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

### PATH PARAMETERS

→ id integer <int64>  
required

REQUEST BODY SCHEMA: application/json  
required

→ reportNr integer <int32> >= 1  
Sequential report number within the cylinder.

→ reportWidth integer <int32> >= 0  
Width of the report in micrometers.

→ xOffset integer <int32>  
Horizontal offset of the report in micrometers.

→ yOffset integer <int32>  
Vertical offset of the report in micrometers.

cylinderId	integer <int64>
required	Identifier of the parent cylinder.
reportSpecId	integer <int64>
required	Identifier of the ReportSpec used by this report.

## Responses

› **200** Report successfully updated.

› **400** Validation failed for the request body.

› **404** Report or ReportSpec was not found for the given id.

› **422** Domain validation failed (e.g. incompatible ReportSpec -> TapeSpec relation)

PUT /reports/{id} ▾

### Request samples

Payload

Content type  
application/json

Copy

```
{  
  "reportNr": 1,  
  "reportWidth": 500,  
  "xOffset": 10,  
  "yOffset": 5,  
  "cylinderId": 10,  
  "reportSpecId": 3  
}
```

### Response samples

200

400

404

**Content type**

application/json

ReportUpdatedExample

Copy

```
{  
    "id": 100,  
    "reportNr": 1,  
    "reportWidth": 420,  
    "xOffset": 15,  
    "yOffset": 25,  
    "cylinderId": 12,  
    "reportSpecId": 5  
}
```

## Delete a report

Deletes a report (plate) for the given identifier. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ **id** required integer <int64>

## Responses

— **204** Report successfully deleted.

> **404** Report with the given id was not found.

**DELETE** /reports/{id}



## Response samples

**404**

### Content type

application/json

ReportDeleteNotFoundExample

Copy

```
{  
    "timestamp": "2025-01-10T14:32:11.123",  
    "status": 404,  
    "error": "Not Found",  
    "message": "Report not found for id: 999",  
    "path": "/reports/999",  
    "fieldErrors": null  
}
```

## List reports by cylinder id

Returns all reports (plates) that belong to the given cylinder. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > [keycloak](#)

QUERY PARAMETERS

→ cylinderId integer <int64>  
required

## Responses

› 200 Reports successfully retrieved.

GET /reports



## Response samples

200

### Content type

application/json

#### ReportListExample

[Copy](#) [Expand all](#) [Collapse all](#)

```
[  
  - {  
      "id": 100,  
      "reportNr": 1,  
      "reportWidth": 400,  
      "xOffset": 10,  
      "yOffset": 20,  
      "cylinderId": 12,  
      "reportSpecId": 5  
    },  
  - {  
      "id": 101,  
      "reportNr": 2,  
      "reportWidth": 380,  
      "xOffset": 420,  
      "yOffset": 20,  
      "cylinderId": 12,  
      "reportSpecId": 6  
    }  
]
```

Create a new report

Creates a new report (plate) within a cylinder based on the supplied request payload. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

REQUEST BODY SCHEMA: application/json

required

reportNr	integer <int32>	>= 1	Sequential report number within the cylinder.
reportWidth	integer <int32>	>= 0	Width of the report in micrometers.
xOffset	integer <int32>		Horizontal offset of the report in micrometers.
yOffset	integer <int32>		Vertical offset of the report in micrometers.
cylinderId <small>required</small>	integer <int64>		Identifier of the parent cylinder.
reportSpecId <small>required</small>	integer <int64>		Identifier of the ReportSpec used by this report.

## Responses

> **201** Report successfully created.

> **400** Validation failed for the request body.

> **404** Cylinder or ReportSpec was not found for the given id.

> **422** Domain validation failed (invalid ReportSpec or TapeSpec relation)

POST /reports



## Request samples

Payload

Content type

application/json

Copy

```
{  
    "reportNr": 1,  
    "reportWidth": 500,  
    "xOffset": 10,  
    "yOffset": 5,  
    "cylinderId": 10,  
    "reportSpecId": 3  
}
```

## Response samples

201

400

404

Content type

application/json

ReportCreatedExample

Copy

```
{  
    "id": 100,  
    "reportNr": 1,  
    "reportWidth": 400,  
    "xOffset": 10,  
    "yOffset": 20,  
    "cylinderId": 12,  
    "reportSpecId": 5  
}
```

# Job Templates

Endpoints for uploading, retrieving and deleting job templates. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

## List job templates

Returns metadata for all stored job templates. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

## Responses

> **200** Template metadata successfully retrieved.

GET /job-templates ▾

### Response samples

200

Content type

application/json

TemplateListExample

Copy    Expand all    Collapse all

```
[  
  - {  
      "id": 1,  
      "originalFileName": "wbje-template.json",  
      "contentType": "application/json",  
      "fileSize": 4096,  
      "uploadedAt": "2025-12-22T10:00:00",  
      "templateName": "Default Template"  
    }  
]
```

## Upload a job template

Receives a template file + name using multipart/form-data. Accessible roles: service (ROLE\_ADMIN).

AUTHORIZATIONS: > *keycloak*

REQUEST BODY SCHEMA: multipart/form-data  
**required**

Multipart request containing the template JSON file and its logical name.

└ file	string <binary> JSON file containing the full job template.
<hr/>	
└ name	string Human-readable name for this template.
<hr/>	

## Responses

> **201** Template successfully stored.

> **400** Invalid multipart request.

POST /job-templates



## Request samples

### Payload

#### Content type

multipart/form-data

TemplateUploadExample

Copy

```
{  
  "file": "(binary JSON)",  
  "name": "Customer X Default"  
}
```

## Response samples

201

400

#### Content type

application/json

TemplateCreatedExample

Copy

```
{  
  "id": 1,  
  "originalFileName": "wbje-template.json",  
  "contentType": "application/json",  
  "fileSize": 4096,  
  "uploadedAt": "2025-12-22T10:00:00",  
  "templateName": "Customer A Default"  
}
```

Get a template by id

Returns metadata for a specific job template. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ id      integer <int64>  
required

## Responses

> **200** Template metadata retrieved.

> **404** Template not found.

GET /job-templates/{id} ▾

## Response samples

200

404

### Content type

application/json

TemplateListExample

Copy    Expand all    Collapse all

```
[  
  - {  
      "id": 1,  
      "originalFileName": "wbje-template.json",  
      "contentType": "application/json",  
      "fileSize": 4096,  
      "uploadedAt": "2025-12-22T10:00:00",  
      "templateName": "Default Template"  
    }  
]
```

## Delete a template

Deletes both stored metadata and the template file. Accessible roles: service (ROLE\_ADMIN).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

— id required integer <int64>

## Responses

— 204 Template deleted.

> 404 Template not found.

**DELETE** /job-templates/{id} ▾

## Download template file

Downloads the JSON file belonging to the template. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

### PATH PARAMETERS

— id  
required integer <int64>

## Responses

> **200** Template file returned.

> **404** Template file not found.

GET /job-templates/{id}/download



## Jobs

Endpoints for managing jobs in the Web Based Job Editor. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

## Get a job by id

Returns a job for the given identifier. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ id      integer <int64>  
required

## Responses

> **200** Job successfully retrieved.

> **404** Job not found.

GET /jobs/{id} ▾

## Update a job

Updates an existing job. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ id      integer <int64>  
required

REQUEST BODY SCHEMA: application/json  
required

jobNumber      string [ 0 .. 40 ] characters  
External job number used in planning or ERP.

└─ jobDate <b>required</b>	string <date-time> Scheduled date and time of the job.
└─ jobName	string <b>[ 0 .. 255 ] characters</b> Short descriptive name of the job.
└─ cylinderWidth	integer <int32> <b>[ 0 .. 168000 ]</b> Effective cylinder width in millimetres.
└─ cylinderCircumference	integer <int32> <b>[ 0 .. 1250000 ]</b> Effective cylinder circumference in micrometers.
└─ info	string <b>[ 0 .. 255 ] characters</b> Optional internal note or technical information for this job.
└─ note >	object (NoteRequestDTO) Optional note attached to the job.

## Responses

➤ **200** Job updated

➤ **400** Invalid request data

➤ **404** Job not found

➤ **422** Domain validation failed

PUT /jobs/{id} ▼

## Request samples

Payload

Content type

application/json

[Copy](#) [Expand all](#) [Collapse all](#)

```
{  
    "jobNumber": "JOB-2025-001",  
    "jobDate": "2025-01-15T08:30:00",  
    "jobName": "Print job for customer X - 4 colors",  
    "cylinderWidth": 850,  
    "cylinderCircumference": 1100,  
    "info": "Use stickyback type A, check register on station 3.",  
    - "note": {  
        "content": "Repeat run, verify plate wear on station 2."  
    }  
}
```

## Delete a job

Deletes a job. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ **id** required integer <int64>

## Responses

— **204** Job deleted.

> **404** Job not found

**DELETE** /jobs/{id} ▼

## Get all jobs

Returns all jobs. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > [keycloak](#)

### Responses

> **200** List successfully retrieved.

GET /jobs



## Create a new job

Creates a new job. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > [keycloak](#)

REQUEST BODY SCHEMA: application/json  
**required**

jobNumber	string <span style="background-color: #e0f2e0; border: 1px solid #c0e0c0; padding: 2px;">[ 0 .. 40 ] characters</span>	External job number used in planning or ERP.
jobDate <span style="color: red;">required</span>	string <date-time>	Scheduled date and time of the job.
jobName	string <span style="background-color: #e0f2e0; border: 1px solid #c0e0c0; padding: 2px;">[ 0 .. 255 ] characters</span>	Short descriptive name of the job.

↳ cylinderWidth	integer <int32>	[ 0 .. 168000 ]
Effective cylinder width in millimetres.		
↳ cylinderCircumference	integer <int32>	[ 0 .. 1250000 ]
Effective cylinder circumference in micrometers.		
↳ info	string	[ 0 .. 255 ] characters
Optional internal note or technical information for this job.		
↳ note >	object (NoteRequestDTO)	Optional note attached to the job.

## Responses

› **201** Job successfully created.

› **400** Validation failed.

› **422** Domain validation failed (inconsistent job structure)

POST /jobs



## Request samples

### Payload

#### Content type

application/json

[Copy](#) [Expand all](#) [Collapse all](#)

{

```
"jobNumber": "JOB-2025-001",
"jobDate": "2025-01-15T08:30:00",
"jobName": "Print job for customer X - 4 colors",
"cylinderWidth": 850,
"cylinderCircumference": 1100,
"info": "Use stickyback type A, check register on station 3.",
```

```
- "note": {
    "content": "Repeat run, verify plate wear on station 2."
}
```

## Response samples

201

### Content type

application/json

JobCreatedExample

Copy

```
{
  "id": 42,
  "jobNr": "JOB-2025-001",
  "jobName": "Sleeve alignment test job",
  "jobDate": "2025-01-10",
  "repeatLength": 635
}
```

## ReportSpecs

Endpoints for managing report specifications. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

### Get a report specification by id

Returns a single report specification. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > [keycloak](#)

PATH PARAMETERS

→ id  
required

integer <int64>

## Responses

› **200** ReportSpec successfully retrieved.

› **400** Invalid request data

› **404** ReportSpec with the given id was not found.

› **422** Domain validation failed (invalid fields or incompatible specifications)

GET /report-specs/{id}



## Response samples

**200**

**404**

### Content type

application/json

Copy

```
{  
  "id": 7,  
  "reportName": "Flexo Plate Type A",  
  "reportType": "Photopolymer",  
  "thickness": 170,  
  "info": "Optimized for high-speed printing."  
}
```

## Update a report specification

Updates an existing report specification. Accessible role: service (ROLE\_ADMIN).

AUTHORIZATIONS: > *keycloak*

#### PATH PARAMETERS

→ id integer <int64>  
required

REQUEST BODY SCHEMA: application/json  
required

Payload to update an existing report specification.

reportName string [ 0 .. 255 ] characters  
required  
Name of the report specification.

reportType string [ 0 .. 255 ] characters  
Type or category of the report specification.

thickness integer <int32> >= 0  
Thickness of the report in micrometers.

info string [ 0 .. 255 ] characters  
Optional additional information about the report specification.

## Responses

> 200 ReportSpec successfully updated.

> 400 Validation failed.

> 404 ReportSpec not found.

PUT /report-specs/{id}



## Request samples

**Payload**

**Content type**

application/json

[Copy](#)

```
{  
    "reportName": "Flexo Plate Type A",  
    "reportType": "Photopolymer",  
    "thickness": 170,  
    "info": "Optimized for high-speed printing."  
}
```

## Response samples

**200****Content type**

application/json

[Copy](#)

```
{  
    "id": 7,  
    "reportName": "Flexo Plate Type A",  
    "reportType": "Photopolymer",  
    "thickness": 170,  
    "info": "Optimized for high-speed printing."  
}
```

## Delete a report specification

Deletes a report specification. Accessible role: service (ROLE\_ADMIN).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ **id** required integer <int64>

## Responses

— **204** ReportSpec successfully deleted.

— **404** ReportSpec not found.

➢ **409** ReportSpec is in use by one or more Reports (EntityInUseException)

**DELETE** /report-specs/{id} ▾

## List all report specifications

Retrieves all report specifications. Accessible roles: service (ROLE\_ADMIN), operator (ROLE\_USER).

AUTHORIZATIONS: > *keycloak*

## Responses

➢ **200** ReportSpecs successfully retrieved.

**GET** /report-specs ▾

## Response samples

**200**

**Content type**

application/json

[Copy](#)

```
{  
    "id": 7,  
    "reportName": "Flexo Plate Type A",  
    "reportType": "Photopolymer",  
    "thickness": 170,  
    "info": "Optimized for high-speed printing."  
}
```

## Create a new report specification

Creates a new report specification. Accessible role: service (ROLE\_ADMIN).

AUTHORIZATIONS: > *keycloak*

REQUEST BODY SCHEMA: application/json  
**required**

ReportSpec payload used to create a new specification.

└─ reportName	string [ 0 .. 255 ] characters	Name of the report specification.
└─ reportType	string [ 0 .. 255 ] characters	Type or category of the report specification.
└─ thickness	integer <int32> >= 0	Thickness of the report in micrometers.
└─ info	string [ 0 .. 255 ] characters	Optional additional information about the report specification.

## Responses

› 201 ReportSpec successfully created.

› 400 Validation failed for the request body.

› 422 Domain validation failed (invalid ReportSpec structure or rules)

POST /report-specs



## Request samples

Payload

Content type

application/json

Copy

```
{  
  "reportName": "Flexo Plate Type A",  
  "reportType": "Photopolymer",  
  "thickness": 170,  
  "info": "Optimized for high-speed printing."  
}
```

## Response samples

201

400

Content type

application/json

Created ReportSpec

Copy

```
{  
  "id": 5,  
  "reportName": "Plate A",  
  "reportType": "Photopolymer",  
  "thickness": 67,  
  "info": "Default plate spec"
```

```
}
```

## security-controller

### roles

AUTHORIZATIONS: > *keycloak*

### Responses

> **200 OK**

```
GET /roles
```



## publiek

AUTHORIZATIONS: > *keycloak*

### Responses

> **200 OK**

GET /public



## geheim

AUTHORIZATIONS: > *keycloak*

## Responses

> 200 OK

GET /private



## hallo

AUTHORIZATIONS: > *keycloak*

## Responses

> 200 OK

**GET** /hello ▾

## debugAuth

AUTHORIZATIONS: > *keycloak*

### Responses

> **200** OK

**GET** /debug-auth ▾

## admin

AUTHORIZATIONS: > *keycloak*

### Responses

> **200** OK

GET /admin

