FastAPI 0.1.0 OAS3

/api/jobs/openapi.json

Servers

/api/jobs

Authorize

default

GET `/job/{job_id}` Get Job

Parameters Try it out

Name	Description
job_id * required `string` ***(path)***	job_id

Responses

Code	Description	Links
200	Job with given job_id Media type application/json Controls `Accept` header. **Example Value** Schema { "mzn_id": 0,	*No links*

Code	Description	Links


```
  "dzn_id": 0,
  "timeout": 60,
  "id": "string",
  "user_id": "string",
  "result": "string",
  "winning_solver": "string",
  "status": "string",
  "compute_time": 0,
  "solver_instances": []
}
```


404 *No links*

The job was not found

Media type

application/json

Example Value Schema


```
{
  "detail": "error message"
}
```


422 *No links*

Validation Error

Media type

application/json

Example Value Schema


```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```


DELETE `/job/{job_id}` Delete Job

Parameters Try it out

Name	Description
job_id * required `string` ***(path)***	job_id

Responses

Code	Description	Links
200	Deletes the job Media type **application/json** Controls `Accept` header. **Example Value** Schema `{ "success": "success message" }`	*No links*
401	User is not authorized to perform this action (due to not being admin, or not having enough available resources, etc.) Media type **application/json** **Example Value** Schema `{ "detail": "error message" }`	*No links*
404	The job was not found Media type **application/json** **Example Value** Schema	*No links*

Code	Description	Links

```
{
  "detail": "error message"
}
```

422 Validation Error — *No links*

Media type: application/json

Example Value Schema

```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

GET `/job/{job_id}/solvers` Get Solvers From Job

Parameters Try it out

Name	Description
job_id * required `string` ***(path)***	job_id

Responses

Code	Description	Links
200	List of solvers belonging to the job with the given job_id	*No links*

Code	Description	Links

Media type

application/json

Controls `Accept` header.

Example Value Schema


```
[
  {
    "id": "string",
    "status": "string",
    "name": "string",
    "result": "string",
    "timeout": 60,
    "vcpus": 10,
    "ram": 10,
    "pod_name": "",
    "job_id": "string"
  }
]
```


401 — *No links*

User is not authorized to perform this action (due to not being admin, or not having enough available resources, etc.)

Media type

application/json

Example Value Schema


```
{
  "detail": "error message"
}
```


404 — *No links*

The job was not found

Media type

application/json

Example Value Schema


```
{
  "detail": "error message"
}
```


422 — *No links*

Validation Error

Code	Description	Links

Media type

application/json

Example Value Schema


```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```


DELETE `/{user_id}/jobs` Delete All Jobs

Parameters Try it out

Name	Description
user_id * required `string` ***(path)***	user_id

Responses

Code	Description	Links
200	Deletes all of jobs belonging to the user Media type application/json Controls `Accept` header. **Example Value** Schema	*No links*

Code	Description	Links


```
{
  "success": "success message"
}
```


401

User is not authorized to perform this action (due to not being admin, or not having enough available resources, etc.)

No links

Media type

application/json

Example Value Schema


```
{
  "detail": "error message"
}
```


404

The user was not found

No links

Media type

application/json

Example Value Schema


```
{
  "detail": "error message"
}
```


422

Validation Error

No links

Media type

application/json

Example Value Schema


```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

DELETE `/job/{job_id}/{solver_id}` Stop Solver

Parameters Try it out

Name	Description
job_id * required `string` *(path)*	job_id
solver_id * required `string` *(path)*	solver_id

Responses

Code	Description	Links
200	Stops the given solver from the given job Media type application/json Controls `Accept` header. **Example Value** Schema `{ "success": "success message" }`	*No links*
401	User is not authorized to perform this action (due to not being admin, or not having enough available resources, etc.) Media type application/json **Example Value** Schema `{`	*No links*

Code	Description	Links

```
  "detail": "error message"
}
```

404 — *No links*

The job or solver was not found

Media type

application/json

Example Value Schema

```
{
  "detail": "error message"
}
```

422 — *No links*

Validation Error

Media type

application/json

Example Value Schema

```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

GET `/{user_id}/job` List Users Jobs

Parameters Try it out

Name	Description
user_id * required `string` ***(path)***	user_id

Responses

Code	Description	Links
200	List of jobs belonging to the user with the given user_id Media type application/json Controls `Accept` header. **Example Value** Schema `[ { "mzn_id": 0, "dzn_id": 0, "timeout": 60, "id": "string", "user_id": "string", "result": "string", "winning_solver": "string", "status": "string", "compute_time": 0, "solver_instances": [] } ]`	*No links*
401	User is not authorized to perform this action (due to not being admin, or not having enough available resources, etc.) Media type application/json **Example Value** Schema `{ "detail": "error message" }`	*No links*
422	Validation Error Media type application/json	*No links*

Code	Description	Links

Example Value Schema


```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```


POST `/job` Start Job

Parameters Try it out

No parameters

Request body required application/json

Example Value Schema


```
{
  "mzn_id": 1,
  "timeout": 120,
  "solver_list": [
    {
      "id": "213c7f36-dad8-4316-aaac-1a43a4f9062c",
      "name": "Good Solver",
      "vcpus": 200,
      "ram": 512,
      "timeout": 120
    },
    {
      "id": "f54aa3f0-85fd-46e5-afd3-b0d534b4ae44",
      "name": "Another Good Solver",
      "vcpus": 200,
      "ram": 512,
      "timeout": 120
    }
  ]
}
```

Responses

Code	Description	Links
200	Returns the newly created job Media type application/json Controls `Accept` header. **Example Value** Schema `{ "mzn_id": 0, "dzn_id": 0, "timeout": 60, "id": "string", "user_id": "string", "result": "string", "winning_solver": "string", "status": "string", "compute_time": 0, "solver_instances": [] }`	*No links*
401	User is not authorized to perform this action (due to not being admin, or not having enough available resources, etc.) Media type application/json **Example Value** Schema `{ "detail": "error message" }`	*No links*
404	One of the specified solvers or files do not exist in the system Media type application/json **Example Value** Schema `{ "detail": "error message"`	*No links*

Code	Description	Links
422	Validation Error	*No links*

Schemas

CreateJob

Detail

HTTPValidationError

Job

Solver

SolverInstance

Success

ValidationError