

API Reference

TAO Toolkit API

API Version: v4.0.0

TAO Toolkit API document

INDEX

1. DATASET	3
1.1 GET /api/v1/user/{user_id}/dataset	3
1.2 POST /api/v1/user/{user_id}/dataset	4
1.3 GET /api/v1/user/{user_id}/dataset/{dataset_id}	6
1.4 PUT /api/v1/user/{user_id}/dataset/{dataset_id}	8
1.5 DELETE /api/v1/user/{user_id}/dataset/{dataset_id}	10
1.6 PATCH /api/v1/user/{user_id}/dataset/{dataset_id}	12
1.7 POST /api/v1/user/{user_id}/dataset/{dataset_id}/upload	14
1.8 GET /api/v1/user/{user_id}/dataset/{dataset_id}/specs/{action}/schema	15
1.9 GET /api/v1/user/{user_id}/dataset/{dataset_id}/specs/{action}	15
1.10 PUT /api/v1/user/{user_id}/dataset/{dataset_id}/specs/{action}	16
1.11 POST /api/v1/user/{user_id}/dataset/{dataset_id}/specs/{action}	17
1.12 GET /api/v1/user/{user_id}/dataset/{dataset_id}/job	17
1.13 POST /api/v1/user/{user_id}/dataset/{dataset_id}/job	19
1.14 GET /api/v1/user/{user_id}/dataset/{dataset_id}/job/{job_id}	20
1.15 DELETE /api/v1/user/{user_id}/dataset/{dataset_id}/job/{job_id}	21
1.16 POST /api/v1/user/{user_id}/dataset/{dataset_id}/job/{job_id}/cancel	22
1.17 GET /api/v1/user/{user_id}/dataset/{dataset_id}/job/{job_id}/download	22
2. MODEL	24
2.1 GET /api/v1/user/{user_id}/model	24
2.2 POST /api/v1/user/{user_id}/model	26
2.3 GET /api/v1/user/{user_id}/model/{model_id}	28
2.4 PUT /api/v1/user/{user_id}/model/{model_id}	31
2.5 DELETE /api/v1/user/{user_id}/model/{model_id}	33
2.6 PATCH /api/v1/user/{user_id}/model/{model_id}	35
2.7 GET /api/v1/user/{user_id}/model/{model_id}/specs/{action}/schema	38
2.8 GET /api/v1/user/{user_id}/model/{model_id}/specs/{action}	39
2.9 PUT /api/v1/user/{user_id}/model/{model_id}/specs/{action}	39
2.10 POST /api/v1/user/{user_id}/model/{model_id}/specs/{action}	40
2.11 GET /api/v1/user/{user_id}/model/{model_id}/job	41
2.12 POST /api/v1/user/{user_id}/model/{model_id}/job	42
2.13 GET /api/v1/user/{user_id}/model/{model_id}/job/{job_id}	43
2.14 DELETE /api/v1/user/{user_id}/model/{model_id}/job/{job_id}	44
2.15 POST /api/v1/user/{user_id}/model/{model_id}/job/{job_id}/cancel	45
2.16 POST /api/v1/user/{user_id}/model/{model_id}/job/{job_id}/resume	46
2.17 GET /api/v1/user/{user_id}/model/{model_id}/job/{job_id}/download	46

API

1. DATASET

Endpoints related to Dataset

1.1 GET /api/v1/user/{user_id}/dataset

List Datasets

Returns the list of Datasets

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
skip	integer	Optional skip for pagination
size	integer	Optional size for pagination
sort	enum ALLOWED: date-descending, date-ascending, name-descending, name-ascending	Optional sort
name	string	Optional name filter
type	enum ALLOWED: object_detection, semantic_segmentation, image_classification	Optional type filter

RESPONSE

STATUS CODE - 200: Returned list of Datasets

RESPONSE MODEL - application/json

[{

Array of object:

id	string	
created_on	string	
last_modified	string	
name	string	
description	string	
version	string	
logo	string	
type	enum	ALLOWED:object_detection, semantic_segmentation, image_classification, instance_segmentation, character_recognition, speech, mel_spectrogram
format	enum	ALLOWED:kitti, pascal_voc, raw, coco_raw, unet, coco,

```

                                lprnet, ljspeech, hifigan, default, custom, auxillary
actions                        [string]
jobs [{
  Array of object:
    id                        string
    parent_id                string
    created_on               string
    last_modified            string
    action                   string
    status                   enum    ALLOWED:Done, Running, Error, Pending
    result {
      detailed_status {
        date                string
        time                string
        message             string
        status              string
      }
      graphical [{
        Array of object:
          metric            string
          x_min             integer
          x_max             integer
          y_min             number
          y_max             number
          values             [undefined]
          units             string
        }]
      categorical [{
        Array of object:
          metric            string
          category_wise_values [{
            Array of object:
              category      string
              value         number
            }]
        }]
      kpi [{
        Array of object:
          metric            string
          value             number
        }]
      stats [{
        Array of object:
          metric            string
          value             string
        }]
      epoch                integer
      cur_epoch            number
      max_epoch            integer
      time_per_epoch       string
      eta                  string
    }
  }]
}]

```

1.2 POST /api/v1/user/{user_id}/dataset

Create new Dataset

Returns the new Dataset

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID

REQUEST BODY - application/json

```
{
  name          string
  description    string
  version        string
  logo           string
  type           enum    ALLOWED:object_detection, semantic_segmentation,
                           image_classification, instance_segmentation,
                           character_recognition, speech, mel_spectrogram

  format         enum    ALLOWED:kitti, pascal_voc, raw, coco_raw, unet, coco, lprnet,
                           ljspeech, hifigan, default, custom, auxillary
}
```

RESPONSE

STATUS CODE - 201: Retuned the new Dataset

RESPONSE MODEL - application/json

```
{
  id            string
  created_on     string
  last_modified  string
  name          string
  description    string
  version        string
  logo           string
  type           enum    ALLOWED:object_detection, semantic_segmentation,
                           image_classification, instance_segmentation,
                           character_recognition, speech, mel_spectrogram

  format         enum    ALLOWED:kitti, pascal_voc, raw, coco_raw, unet, coco, lprnet,
                           ljspeech, hifigan, default, custom, auxillary

  actions        [string]
  jobs [{
    Array of object:
      id            string
      parent_id     string
      created_on     string
      last_modified  string
      action         string
      status         enum    ALLOWED:Done, Running, Error, Pending
      result {
        detailed_status {
          date        string
          time         string
          message      string
        }
      }
    }
  ]
}
```

```

        status string
    }
    graphical [{
    Array of object:
        metric string
        x_min integer
        x_max integer
        y_min number
        y_max number
        values [undefined]
        units string
    }]
    categorical [{
    Array of object:
        metric string
        category_wise_values [{
        Array of object:
            category string
            value number
        }]
    }]
    kpi [{
    Array of object:
        metric string
        value number
    }]
    stats [{
    Array of object:
        metric string
        value string
    }]
    epoch integer
    cur_epoch number
    max_epoch integer
    time_per_epoch string
    eta string
    }
    }]
}

```

STATUS CODE - 400: Bad request, see reply body for details

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

1.3 GET /api/v1/user/{user_id}/dataset/{dataset_id}

Retrieve Dataset

Returns the Dataset

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID of Dataset to return

RESPONSE

STATUS CODE - 200: Returned Dataset

RESPONSE MODEL - application/json

```
{
  id          string
  created_on  string
  last_modified string
  name        string
  description  string
  version      string
  logo         string
  type         enum    ALLOWED:object_detection, semantic_segmentation,
                        image_classification, instance_segmentation,
                        character_recognition, speech, mel_spectrogram

  format       enum    ALLOWED:kitti, pascal_voc, raw, coco_raw, unet, coco, lprnet,
                        ljspeech, hifigan, default, custom, auxillary

  actions      [string]
  jobs [{
    Array of object:
      id          string
      parent_id    string
      created_on  string
      last_modified string
      action       string
      status       enum    ALLOWED:Done, Running, Error, Pending
      result {
        detailed_status {
          date    string
          time    string
          message string
          status  string
        }
        graphical [{
          Array of object:
            metric string
            x_min  integer
            x_max  integer
            y_min  number
            y_max  number
            values [undefined]
            units  string
          }
        }
        categorical [{
          Array of object:
            metric      string
            category_wise_values [{
              Array of object:
                category string
            }
          ]
        }
      }
    }
  ]
}
```

```

        value    number
      }]
    }]
    kpi [{
      Array of object:
        metric string
        value  number
      }]
    stats [{
      Array of object:
        metric string
        value  string
      }]
    epoch          integer
    cur_epoch      number
    max_epoch      integer
    time_per_epoch string
    eta            string
  }
}]
}

```

STATUS CODE - 404: User or Dataset not found

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

1.4 PUT /api/v1/user/{user_id}/dataset/{dataset_id}

Update Dataset

Returns the updated Dataset

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID of Dataset to update

REQUEST BODY - application/json

```

{
  name          string
  description    string
  version       string
  logo          string
  type          enum    ALLOWED:object_detection, semantic_segmentation,
                        image_classification, instance_segmentation,
                        character_recognition, speech, mel_spectrogram
  format        enum    ALLOWED:kitti, pascal_voc, raw, coco_raw, unet, coco, lprnet,
                        ljspeech, hifigan, default, custom, auxillary
}

```



```
}
```

RESPONSE

STATUS CODE - 200: Returned the updated Dataset

RESPONSE MODEL - application/json

```
{
  id            string
  created_on    string
  last_modified string
  name          string
  description   string
  version       string
  logo          string
  type          enum    ALLOWED:object_detection, semantic_segmentation,
                        image_classification, instance_segmentation,
                        character_recognition, speech, mel_spectrogram

  format        enum    ALLOWED:kitti, pascal_voc, raw, coco_raw, unet, coco, lprnet,
                        ljspeech, hifigan, default, custom, auxillary

  actions       [string]
  jobs [{
    Array of object:
      id            string
      parent_id     string
      created_on    string
      last_modified string
      action        string
      status        enum    ALLOWED:Done, Running, Error, Pending
      result {
        detailed_status {
          date    string
          time    string
          message string
          status  string
        }
      }
      graphical [{
        Array of object:
          metric string
          x_min  integer
          x_max  integer
          y_min  number
          y_max  number
          values [undefined]
          units  string
        }
      ]
      categorical [{
        Array of object:
          metric      string
          category_wise_values [{
            Array of object:
              category string
              value     number
            }
          ]
        }
      ]
      kpi [{
        Array of object:
```

```

        metric string
        value  number
    }]
    stats [{
    Array of object:
        metric string
        value  string
    }]
    epoch          integer
    cur_epoch      number
    max_epoch      integer
    time_per_epoch string
    eta            string
    }
    }
}

```

STATUS CODE - 400: Bad request, see reply body for details

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

STATUS CODE - 404: User or Dataset not found

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

1.5 DELETE /api/v1/user/{user_id}/dataset/{dataset_id}

Delete Dataset

Cancels all related running jobs and returns the deleted Dataset

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID of Dataset to delete

RESPONSE

STATUS CODE - 200: Deleted Dataset

RESPONSE MODEL - application/json

```

{
  id          string
  created_on  string
}

```

```

last_modified string
name           string
description    string
version       string
logo          string
type          enum      ALLOWED:object_detection, semantic_segmentation,
                        image_classification, instance_segmentation,
                        character_recognition, speech, mel_spectrogram

format         enum      ALLOWED:kitti, pascal_voc, raw, coco_raw, unet, coco, lprnet,
                        ljspeech, hifigan, default, custom, auxillary

actions        [string]
jobs [{
  Array of object:
    id           string
    parent_id    string
    created_on   string
    last_modified string
    action       string
    status       enum      ALLOWED:Done, Running, Error, Pending
    result {
      detailed_status {
        date    string
        time    string
        message string
        status  string
      }
      graphical [{
        Array of object:
          metric string
          x_min  integer
          x_max  integer
          y_min  number
          y_max  number
          values [undefined]
          units  string
        }
      }
      categorical [{
        Array of object:
          metric      string
          category_wise_values [{
            Array of object:
              category string
              value     number
            }
          ]
        }
      }
      kpi [{
        Array of object:
          metric string
          value  number
        }
      }
      stats [{
        Array of object:
          metric string
          value  string
        }
      ]
      epoch      integer
      cur_epoch   number

```

```

        max_epoch      integer
        time_per_epoch string
        eta             string
    }
}
]
```

STATUS CODE - 400: Bad request, see reply body for details

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}
```

STATUS CODE - 404: User or Dataset not found

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}
```

1.6 PATCH /api/v1/user/{user_id}/dataset/{dataset_id}

Partial update Dataset

Returns the updated Dataset

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID of Dataset to update

REQUEST BODY - application/json

```

{
  name          string
  description    string
  version        string
  logo           string
  type           enum    ALLOWED:object_detection, semantic_segmentation,
                           image_classification, instance_segmentation,
                           character_recognition, speech, mel_spectrogram
  format         enum    ALLOWED:kitti, pascal_voc, raw, coco_raw, unet, coco, lprnet,
                           ljspeech, hifigan, default, custom, auxillary
}
```

RESPONSE

STATUS CODE - 200: Returned the updated Dataset

RESPONSE MODEL - application/json

```

{
```

```

id            string
created_on    string
last_modified  string
name          string
description    string
version       string
logo          string
type          enum      ALLOWED:object_detection, semantic_segmentation,
                        image_classification, instance_segmentation,
                        character_recognition, speech, mel_spectrogram

format        enum      ALLOWED:kitti, pascal_voc, raw, coco_raw, unet, coco, lprnet,
                        ljspeech, hifigan, default, custom, auxillary

actions       [string]
jobs [{
  Array of object:
    id            string
    parent_id     string
    created_on    string
    last_modified  string
    action        string
    status        enum      ALLOWED:Done, Running, Error, Pending
    result {
      detailed_status {
        date      string
        time      string
        message    string
        status     string
      }
    }
    graphical [{
      Array of object:
        metric  string
        x_min   integer
        x_max   integer
        y_min   number
        y_max   number
        values  [undefined]
        units   string
      }
    ]
    categorical [{
      Array of object:
        metric      string
        category_wise_values [{
          Array of object:
            category  string
            value     number
          }
        ]
      }
    ]
    kpi [{
      Array of object:
        metric  string
        value   number
      }
    ]
    stats [{
      Array of object:
        metric  string
        value   string
      }
    ]
  }
}

```

```

        epoch            integer
        cur_epoch         number
        max_epoch         integer
        time_per_epoch    string
        eta               string
    }
}]]
}

```

STATUS CODE - 400: Bad request, see reply body for details

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

STATUS CODE - 404: User or Dataset not found

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

1.7 POST /api/v1/user/{user_id}/dataset/{dataset_id}/upload

Upload Dataset

Upload training and testing data

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID of Dataset

FORM DATA PARAMETERS

NAME	TYPE	DESCRIPTION
message	string	

RESPONSE

STATUS CODE - 201: Upload successful

STATUS CODE - 400: Bad request, see reply body for details

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

STATUS CODE - 404: User or Dataset not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

1.8 GET /api/v1/user/{user_id}/dataset/{dataset_id}/specs/{action}/schema

Retrieve Specs schema

Returns the Specs schema for a given action

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID for Dataset
*action	string	Action name

RESPONSE

STATUS CODE - 200: Returned the Specs schema for given action

RESPONSE MODEL - application/json

```
{
}
```

STATUS CODE - 404: User, Dataset or Action not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

1.9 GET /api/v1/user/{user_id}/dataset/{dataset_id}/specs/{action}

Retrieve Dataset Specs

Returns the saved Dataset Specs for a given action

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID of Dataset

NAME	TYPE	DESCRIPTION
*action	string	Action name

RESPONSE

STATUS CODE - 200: Returned the saved Dataset Specs for specified action

RESPONSE MODEL - application/json

```
{
}
```

STATUS CODE - 404: User, Dataset or Action not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

1.10 PUT /api/v1/user/{user_id}/dataset/{dataset_id}/specs/{action}

Update Dataset Specs

Update the Dataset Specs for a given action (same as Save/POST)

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID of Dataset
*action	string	Action name

REQUEST BODY - application/json

```
{
}
```

RESPONSE

STATUS CODE - 200: Returned the updated Dataset Specs for specified action

RESPONSE MODEL - application/json

```
{
}
```

STATUS CODE - 400: Invalid specs

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```


STATUS CODE - 404: User, Dataset or Action not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

1.11 POST /api/v1/user/{user_id}/dataset/{dataset_id}/specs/{action}

Save Dataset Specs

Save the Dataset Specs for a given action

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID of Dataset
*action	string	Action name

REQUEST BODY - application/json

```
{
}
```

RESPONSE

STATUS CODE - 201: Returned the saved Dataset Specs for specified action

RESPONSE MODEL - application/json

```
{
}
```

STATUS CODE - 400: Invalid specs

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

STATUS CODE - 404: User, Dataset or Action not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

1.12 GET /api/v1/user/{user_id}/dataset/{dataset_id}/job

List Jobs for Dataset

Returns the list of Jobs

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID for Dataset

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
skip	integer	Optional skip for pagination
size	integer	Optional size for pagination
sort	enum ALLOWED: date-descending, date-ascending	Optional sort

RESPONSE

STATUS CODE - 200: Returned list of Jobs

RESPONSE MODEL - application/json

```
[{
  Array of object:
    id          string
    parent_id   string
    created_on  string
    last_modified string
    action      string
    status      enum    ALLOWED:Done, Running, Error, Pending
    result {
      detailed_status {
        date    string
        time    string
        message string
        status  string
      }
      graphical [{
        Array of object:
          metric string
          x_min  integer
          x_max  integer
          y_min  number
          y_max  number
          values [undefined]
          units  string
        }
      ]
      categorical [{
        Array of object:
          metric      string
          category_wise_values [{
            Array of object:
              category string
            }
          ]
        }
      ]
    }
  }
```

```

        value      number
      }}
    }}
    kpi [{
      Array of object:
        metric string
        value   number
      }]
    stats [{
      Array of object:
        metric string
        value   string
      }]
    epoch          integer
    cur_epoch      number
    max_epoch      integer
    time_per_epoch string
    eta            string
  }
}]

```

STATUS CODE - 404: User or Dataset not found

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

1.13 POST /api/v1/user/{user_id}/dataset/{dataset_id}/job

Run Dataset Jobs

Asynchronously starts a list of Dataset Actions and returns corresponding Job IDs

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID for Dataset

REQUEST BODY - application/json

```

[{
  Array of object:
    actions [string]
    job      string
}]

```

RESPONSE

STATUS CODE - 201: Returned the list of Job IDs corresponding to requested Dataset Actions

RESPONSE MODEL - application/json

[string]

STATUS CODE - 404: User or Dataset not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

1.14 GET /api/v1/user/{user_id}/dataset/{dataset_id}/job/{job_id}

Retrieve Job for Dataset

Returns the Job

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID of Dataset
*job_id	uuid	Job ID

RESPONSE

STATUS CODE - 200: Returned Job

RESPONSE MODEL - application/json

```
{
  id string
  parent_id string
  created_on string
  last_modified string
  action string
  status enum ALLOWED:Done, Running, Error, Pending
  result {
    detailed_status {
      date string
      time string
      message string
      status string
    }
    graphical [{
      Array of object:
      metric string
      x_min integer
      x_max integer
      y_min number
      y_max number
      values [undefined]
      units string
    }]
  }
}
```

```

categorical [{
  Array of object:
    metric      string
    category_wise_values [{
      Array of object:
        category string
        value     number
      }]
    }]
}]
kpi [{
  Array of object:
    metric string
    value  number
  }]
stats [{
  Array of object:
    metric string
    value  string
  }]
epoch      integer
cur_epoch  number
max_epoch  integer
time_per_epoch string
eta        string
}
}

```

STATUS CODE - 404: User, Dataset or Job not found

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

1.15 DELETE /api/v1/user/{user_id}/dataset/{dataset_id}/job/{job_id}

Delete Dataset Job

delete Dataset Job

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID for Dataset
*job_id	uuid	ID for Job

RESPONSE

STATUS CODE - 200: Successfully requested deletion of specified Job ID

STATUS CODE - 400: Bad request, see reply body for details

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

STATUS CODE - 404: User, Dataset or Job not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

1.16 POST /api/v1/user/{user_id}/dataset/{dataset_id}/job/{job_id}/cancel Cancel Dataset Job

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID for Dataset
*job_id	uuid	ID for Job

RESPONSE

STATUS CODE - 200: Successfully requested cancelation of specified Job ID (asynchronous)

STATUS CODE - 404: User, Dataset or Job not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

1.17 GET /api/v1/user/{user_id}/dataset/{dataset_id}/job/{job_id}/download Download Job Artifacts

Download the Artifacts produced by a given job

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*dataset_id	uuid	ID of Dataset
*job_id	uuid	Job ID

RESPONSE

STATUS CODE - 200: Returned Job Artifacts

RESPONSE MODEL - application/octet-stream

`string`

STATUS CODE - 404: User, Model or Job not found

RESPONSE MODEL - application/json

```
{  
  error_desc string  
  error_code integer  
}
```

2. MODEL

Endpoints related to Model

2.1 GET /api/v1/user/{user_id}/model

List Models

Returns the list of Models

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
skip	integer	Optional skip for pagination
size	integer	Optional size for pagination
sort	enum ALLOWED: date-descending, date-ascending, name-descending, name-ascending	Optional sort
name	string	Optional name filter
arch	enum ALLOWED: detectnet_v2	Optional network architecture filter
read_only	boolean	Optional read_only filter

RESPONSE

STATUS CODE - 200: Returned the list of Models

RESPONSE MODEL - application/json

[{	
Array of object:	
id	string
created_on	string
last_modified	string
name	string
description	string
version	string
logo	string
ngc_path	string
additional_id_info	string
encryption_key	string
network_arch	enum
	ALLOWED: detectnet_v2, faster_rcnn, yolo_v4, yolo_v4_tiny, yolo_v3, ssd, dssd, retinanet, unet, lprnet, classification,


```

efficientdet, mask_rcnn,
multitask_classification, spectro_gen,
vocoder

ptm                                string
dataset_type                      enum    ALLOWED:object_detection,
                                         semantic_segmentation,
                                         image_classification,
                                         instance_segmentation,
                                         character_recognition, speech,
                                         mel_spectrogram

eval_dataset                      string
inference_dataset                string
calibration_dataset              string
train_datasets                   [string]
read_only                        boolean
public                           boolean
actions                          [string]
jobs [{
  Array of object:
    id                string
    parent_id         string
    created_on        string
    last_modified     string
    action             string
    status             enum    ALLOWED:Done, Running, Error, Pending
    result {
      detailed_status {
        date          string
        time           string
        message        string
        status         string
      }
    }
    graphical [{
      Array of object:
        metric string
        x_min  integer
        x_max  integer
        y_min  number
        y_max  number
        values [undefined]
        units  string
      }]
    categorical [{
      Array of object:
        metric      string
        category_wise_values [{
          Array of object:
            category string
            value     number
          }]
        }]
    }]
    kpi [{
      Array of object:
        metric string
        value  number
      }]
    stats [{

```

Array of object:

```
    metric string
    value  string
  }]
  epoch           integer
  cur_epoch       number
  max_epoch       integer
  time_per_epoch  string
  eta             string
}
}]
automl_enabled      boolean
automl_algorithm    string
automl_max_recommendations integer
automl_delete_intermediate_ckpt boolean
automl_R            integer
automl_nu           integer
metric             string
epoch_multiplier    integer
automl_add_hyperparameters string
automl_remove_hyperparameters string
}]
```

2.2 POST /api/v1/user/{user_id}/model

Create new Model

Returns the new Model

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID

REQUEST BODY - application/json

```
{
  name           string
  description     string
  version        string
  logo           string
  ngc_path       string
  additional_id_info string
  encryption_key* string
  network_arch   enum    ALLOWED:detectnet_v2, faster_rcnn, yolo_v4, yolo_v4_tiny,
                           yolo_v3, ssd, dssd, retinanet, unet, lprnet,
                           classification, efficientdet, mask_rcnn,
                           multitask_classification, spectro_gen, vocoder

  ptm           string
  eval_dataset  string
  inference_dataset string
  calibration_dataset string
  train_datasets [string]
  read_only     boolean
```

```

    public          boolean
}

```

RESPONSE

STATUS CODE - 201: Returned the new Model

RESPONSE MODEL - application/json

```

{
  id                string
  created_on        string
  last_modified      string
  name              string
  description        string
  version           string
  logo              string
  ngc_path           string
  additional_id_info string
  encryption_key     string
  network_arch       enum    ALLOWED: detectnet_v2, faster_rcnn,
                                yolo_v4, yolo_v4_tiny, yolo_v3, ssd,
                                dssd, retinanet, unet, lprnet,
                                classification, efficientdet, mask_rcnn,
                                multitask_classification, spectro_gen,
                                vocoder

  ptm               string
  dataset_type       enum    ALLOWED: object_detection,
                                semantic_segmentation,
                                image_classification,
                                instance_segmentation,
                                character_recognition, speech,
                                mel_spectrogram

  eval_dataset       string
  inference_dataset   string
  calibration_dataset string
  train_datasets     [string]
  read_only          boolean
  public             boolean
  actions            [string]
  jobs [{
    Array of object:
      id            string
      parent_id     string
      created_on    string
      last_modified  string
      action         string
      status         enum    ALLOWED: Done, Running, Error, Pending
      result {
        detailed_status {
          date    string
          time    string
          message string
          status  string
        }
      }
      graphical [{
        Array of object:
          metric string

```

```

        x_min integer
        x_max integer
        y_min number
        y_max number
        values [undefined]
        units string
    }]
    categorical [{
    Array of object:
        metric string
        category_wise_values [{
        Array of object:
            category string
            value number
        }]
    }]
    kpi [{
    Array of object:
        metric string
        value number
    }]
    stats [{
    Array of object:
        metric string
        value string
    }]
    epoch integer
    cur_epoch number
    max_epoch integer
    time_per_epoch string
    eta string
}
}]
automl_enabled boolean
automl_algorithm string
automl_max_recommendations integer
automl_delete_intermediate_ckpt boolean
automl_R integer
automl_nu integer
metric string
epoch_multiplier integer
automl_add_hyperparameters string
automl_remove_hyperparameters string
}

```

STATUS CODE - 400: Bad request, see reply body for details

RESPONSE MODEL - application/json

```

{
    error_desc string
    error_code integer
}

```

2.3 GET /api/v1/user/{user_id}/model/{model_id}

Retrieve Model

Returns the Model

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID of Model to return

RESPONSE

STATUS CODE - 200: Returned the Model

RESPONSE MODEL - application/json

```
{
  id                string
  created_on        string
  last_modified     string
  name              string
  description        string
  version           string
  logo              string
  ngc_path           string
  additional_id_info string
  encryption_key     string
  network_arch       enum    ALLOWED:detectnet_v2, faster_rcnn, yolo_v4,
                                yolo_v4_tiny, yolo_v3, ssd, dssd,
                                retinanet, unet, lprnet, classification,
                                efficientdet, mask_rcnn,
                                multitask_classification, spectro_gen,
                                vocoder

  ptm               string
  dataset_type       enum    ALLOWED:object_detection,
                                semantic_segmentation,
                                image_classification,
                                instance_segmentation,
                                character_recognition, speech,
                                mel_spectrogram

  eval_dataset       string
  inference_dataset  string
  calibration_dataset string
  train_datasets     [string]
  read_only          boolean
  public             boolean
  actions            [string]
  jobs [{
    Array of object:
      id          string
      parent_id   string
      created_on  string
      last_modified string
      action       string
      status       enum    ALLOWED:Done, Running, Error, Pending
      result {
        detailed_status {
```

```

        date      string
        time      string
        message   string
        status    string
    }
    graphical [{
    Array of object:
        metric string
        x_min  integer
        x_max  integer
        y_min  number
        y_max  number
        values [undefined]
        units  string
    }]
    categorical [{
    Array of object:
        metric      string
        category_wise_values [{
        Array of object:
            category string
            value     number
        }]
    }]
    kpi [{
    Array of object:
        metric string
        value  number
    }]
    stats [{
    Array of object:
        metric string
        value  string
    }]
    epoch          integer
    cur_epoch      number
    max_epoch      integer
    time_per_epoch string
    eta            string
}
}]
automl_enabled      boolean
automl_algorithm    string
automl_max_recommendations integer
automl_delete_intermediate_ckpt boolean
automl_R            integer
automl_nu           integer
metric             string
epoch_multiplier    integer
automl_add_hyperparameters string
automl_remove_hyperparameters string
}

```

STATUS CODE - 404: User or Model not found

RESPONSE MODEL - application/json

```

{
    error_desc string
}

```

```

    error_code integer
}

```

2.4 PUT /api/v1/user/{user_id}/model/{model_id}

Update Model

Returns the updated Model

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID of Model to update

REQUEST BODY - application/json

```

{
  name                string
  description          string
  version             string
  logo                string
  ngc_path             string
  additional_id_info   string
  encryption_key*     string
  network_arch        enum    ALLOWED: detectnet_v2, faster_rcnn, yolo_v4, yolo_v4_tiny,
                                yolo_v3, ssd, dssd, retinanet, unet, lprnet,
                                classification, efficientdet, mask_rcnn,
                                multitask_classification, spectro_gen, vocoder

  ptm                 string
  eval_dataset        string
  inference_dataset    string
  calibration_dataset string
  train_datasets      [string]
  read_only           boolean
  public              boolean
}

```

RESPONSE

STATUS CODE - 200: Returned the updated Model

RESPONSE MODEL - application/json

```

{
  id                string
  created_on        string
  last_modified     string
  name              string
  description        string
  version           string
  logo              string
  ngc_path           string
  additional_id_info string
  encryption_key     string
}

```

network_arch	enum	ALLOWED: detectnet_v2, faster_rcnn, yolo_v4, yolo_v4_tiny, yolo_v3, ssd, dssd, retinanet, unet, lprnet, classification, efficientdet, mask_rcnn, multitask_classification, spectro_gen, vocoder
ptm	string	
dataset_type	enum	ALLOWED: object_detection, semantic_segmentation, image_classification, instance_segmentation, character_recognition, speech, mel_spectrogram
eval_dataset	string	
inference_dataset	string	
calibration_dataset	string	
train_datasets	[string]	
read_only	boolean	
public	boolean	
actions	[string]	
jobs [{		
Array of object:		
id	string	
parent_id	string	
created_on	string	
last_modified	string	
action	string	
status	enum	ALLOWED: Done, Running, Error, Pending
result {		
detailed_status {		
date	string	
time	string	
message	string	
status	string	
}		
graphical [{		
Array of object:		
metric	string	
x_min	integer	
x_max	integer	
y_min	number	
y_max	number	
values	[undefined]	
units	string	
}]		
categorical [{		
Array of object:		
metric	string	
category_wise_values [{		
Array of object:		
category	string	
value	number	
}]		
}]		
kpi [{		
Array of object:		
metric	string	


```

        value    number
    }}
    stats [{
    Array of object:
        metric    string
        value     string
    }]
    epoch          integer
    cur_epoch      number
    max_epoch      integer
    time_per_epoch string
    eta            string
    }
}]
automl_enabled          boolean
automl_algorithm        string
automl_max_recommendations integer
automl_delete_intermediate_ckpt boolean
automl_R                integer
automl_nu               integer
metric                  string
epoch_multiplier        integer
automl_add_hyperparameters string
automl_remove_hyperparameters string
}

```

STATUS CODE - 400: Bad request, see reply body for details

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

STATUS CODE - 404: User or Model not found

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

2.5 DELETE /api/v1/user/{user_id}/model/{model_id}

Delete Model

Cancels all related running jobs and returns the deleted Model

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID of Model to delete

RESPONSE

STATUS CODE - 200: Returned the deleted Model

RESPONSE MODEL - application/json

```
{
  id                string
  created_on        string
  last_modified      string
  name              string
  description        string
  version           string
  logo              string
  ngc_path           string
  additional_id_info string
  encryption_key     string
  network_arch       enum    ALLOWED:detectnet_v2, faster_rcnn, yolo_v4,
                                yolo_v4_tiny, yolo_v3, ssd, dssd,
                                retinanet, unet, lprnet, classification,
                                efficientdet, mask_rcnn,
                                multitask_classification, spectro_gen,
                                vocoder

  ptm               string
  dataset_type       enum    ALLOWED:object_detection,
                                semantic_segmentation,
                                image_classification,
                                instance_segmentation,
                                character_recognition, speech,
                                mel_spectrogram

  eval_dataset       string
  inference_dataset  string
  calibration_dataset string
  train_datasets     [string]
  read_only          boolean
  public             boolean
  actions            [string]
  jobs [{
    Array of object:
      id          string
      parent_id   string
      created_on  string
      last_modified string
      action       string
      status       enum    ALLOWED:Done, Running, Error, Pending
      result {
        detailed_status {
          date  string
          time  string
          message string
          status string
        }
      }
      graphical [{
        Array of object:
          metric string
          x_min  integer
          x_max  integer
          y_min  number

```

```

        y_max    number
        values    [undefined]
        units     string
    }]
    categorical [{
    Array of object:
        metric     string
        category_wise_values [{
        Array of object:
            category string
            value     number
        }]
    }]
    kpi [{
    Array of object:
        metric string
        value  number
    }]
    stats [{
    Array of object:
        metric string
        value  string
    }]
    epoch          integer
    cur_epoch      number
    max_epoch      integer
    time_per_epoch string
    eta            string
    }
    }]
    automl_enabled          boolean
    automl_algorithm        string
    automl_max_recommendations integer
    automl_delete_intermediate_ckpt boolean
    automl_R                integer
    automl_nu               integer
    metric                  string
    epoch_multiplier        integer
    automl_add_hyperparameters string
    automl_remove_hyperparameters string
}

```

STATUS CODE - 404: User or Model not found

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

2.6 PATCH /api/v1/user/{user_id}/model/{model_id}

Partial update Model

Returns the updated Model

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID of Model to update

REQUEST BODY - application/json

{		
name	string	
description	string	
version	string	
logo	string	
ngc_path	string	
additional_id_info	string	
encryption_key*	string	
network_arch	enum	ALLOWED:detectnet_v2, faster_rcnn, yolo_v4, yolo_v4_tiny, yolo_v3, ssd, dssd, retinanet, unet, lprnet, classification, efficientdet, mask_rcnn, multitask_classification, spectro_gen, vocoder
ptm	string	
eval_dataset	string	
inference_dataset	string	
calibration_dataset	string	
train_datasets	[string]	
read_only	boolean	
public	boolean	
}		

RESPONSE

STATUS CODE - 200: Returned the updated Model

RESPONSE MODEL - application/json

{		
id	string	
created_on	string	
last_modified	string	
name	string	
description	string	
version	string	
logo	string	
ngc_path	string	
additional_id_info	string	
encryption_key	string	
network_arch	enum	ALLOWED:detectnet_v2, faster_rcnn, yolo_v4, yolo_v4_tiny, yolo_v3, ssd, dssd, retinanet, unet, lprnet, classification, efficientdet, mask_rcnn, multitask_classification, spectro_gen, vocoder
ptm	string	
dataset_type	enum	ALLOWED:object_detection, semantic_segmentation, image_classification, instance_segmentation,

```

character_recognition, speech,
mel_spectrogram

eval_dataset      string
inference_dataset string
calibration_dataset string
train_datasets    [string]
read_only         boolean
public            boolean
actions           [string]
jobs [{
  Array of object:
    id          string
    parent_id    string
    created_on   string
    last_modified string
    action       string
    status       enum    ALLOWED:Done, Running, Error, Pending
    result {
      detailed_status {
        date    string
        time    string
        message string
        status  string
      }
    }
    graphical [{
      Array of object:
        metric string
        x_min  integer
        x_max  integer
        y_min  number
        y_max  number
        values [undefined]
        units  string
      }]
    categorical [{
      Array of object:
        metric      string
        category_wise_values [{
          Array of object:
            category string
            value    number
          }]
        }]
    kpi [{
      Array of object:
        metric string
        value  number
      }]
    stats [{
      Array of object:
        metric string
        value  string
      }]
    epoch      integer
    cur_epoch   number
    max_epoch   integer
    time_per_epoch string

```

```

        eta          string
    }
}]
automl_enabled      boolean
automl_algorithm    string
automl_max_recommendations integer
automl_delete_intermediate_ckpt boolean
automl_R            integer
automl_nu           integer
metric              string
epoch_multiplier    integer
automl_add_hyperparameters string
automl_remove_hyperparameters string
}

```

STATUS CODE - 400: Bad request, see reply body for details

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

STATUS CODE - 404: User or Model not found

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

2.7 GET /api/v1/user/{user_id}/model/{model_id}/specs/{action}/schema

Retrieve Specs schema

Returns the Specs schema for a given action

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID for Model
*action	string	Action name

RESPONSE

STATUS CODE - 200: Returned the Specs schema for given action

RESPONSE MODEL - application/json

```

{
}

```

STATUS CODE - 404: Dataset or Action not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

2.8 GET /api/v1/user/{user_id}/model/{model_id}/specs/{action}

Retrieve Model Specs

Returns the Model Specs for a given action

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID of Model
*action	string	Action name

RESPONSE

STATUS CODE - 200: Returned the Model Specs for specified action

RESPONSE MODEL - application/json

```
{
}
```

STATUS CODE - 404: User, Model or Action not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

2.9 PUT /api/v1/user/{user_id}/model/{model_id}/specs/{action}

Update Model Specs

Update the Model Specs for a given action (same as Save/POST)

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID of Model
*action	string	Action name

REQUEST BODY - application/json

```
{
}
```

RESPONSE

STATUS CODE - 200: Returned the updated Model Specs for specified action

RESPONSE MODEL - application/json

```
{
}
```

STATUS CODE - 400: Invalid specs

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

STATUS CODE - 404: User, Model or Action not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

2.10 POST /api/v1/user/{user_id}/model/{model_id}/specs/{action}

Save Model Specs

Save the Model Specs for a given action

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID of Model
*action	string	Action name

REQUEST BODY - application/json

```
{
}
```

RESPONSE

STATUS CODE - 201: Returned the saved Model Specs for specified action

RESPONSE MODEL - application/json

```
{
}
```

STATUS CODE - 400: Invalid specs

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

STATUS CODE - 404: User, Model or Action not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

2.11 GET /api/v1/user/{user_id}/model/{model_id}/job

List Jobs for Model

Returns the list of Jobs

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID for Model

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
skip	integer	Optional skip for pagination
size	integer	Optional size for pagination
sort	enum	Optional sort
ALLOWED: date-descending, date-ascending		

RESPONSE

STATUS CODE - 200: Returned list of Jobs

RESPONSE MODEL - application/json

```
[ {
  Array of object:
    id            string
    parent_id     string
    created_on    string
    last_modified string
    action        string
    status        enum    ALLOWED:Done, Running, Error, Pending
    result {
      detailed_status {
        date  string
        time  string
      }
    }
  }
```

```

        message string
        status  string
    }
    graphical [{
    Array of object:
        metric string
        x_min  integer
        x_max  integer
        y_min  number
        y_max  number
        values [undefined]
        units  string
    }]
    categorical [{
    Array of object:
        metric      string
        category_wise_values [{
        Array of object:
            category string
            value     number
        }]
    }]
    kpi [{
    Array of object:
        metric string
        value  number
    }]
    stats [{
    Array of object:
        metric string
        value  string
    }]
    epoch          integer
    cur_epoch      number
    max_epoch      integer
    time_per_epoch string
    eta            string
}
}]

```

STATUS CODE - 404: User or Model not found

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

2.12 POST /api/v1/user/{user_id}/model/{model_id}/job

Run Model Jobs

Asynchronously starts a list of Model Actions and returns corresponding Job IDs

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID for Model

REQUEST BODY - application/json

```
[{  
  Array of object:  
    actions [string]  
    job      string  
}]
```

RESPONSE

STATUS CODE - 201: Returned the list of Job IDs corresponding to requested Model Actions

RESPONSE MODEL - application/json

```
[string]
```

STATUS CODE - 404: User or Model not found

RESPONSE MODEL - application/json

```
{  
  error_desc string  
  error_code integer  
}
```

2.13 GET /api/v1/user/{user_id}/model/{model_id}/job/{job_id}

Retrieve Job for Model

Returns the Job

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID of Model
*job_id	uuid	Job ID

RESPONSE

STATUS CODE - 200: Returned Job

RESPONSE MODEL - application/json

```
{  
  id          string  
  parent_id   string  
  created_on  string  
  last_modified string  
  action      string
```

```

status          enum    ALLOWED:Done, Running, Error, Pending
result {
  detailed_status {
    date    string
    time    string
    message string
    status  string
  }
  graphical [{
    Array of object:
    metric  string
    x_min   integer
    x_max   integer
    y_min   number
    y_max   number
    values  [undefined]
    units   string
  }]
  categorical [{
    Array of object:
    metric      string
    category_wise_values [{
      Array of object:
      category  string
      value     number
    }]
  }]
  kpi [{
    Array of object:
    metric  string
    value   number
  }]
  stats [{
    Array of object:
    metric  string
    value   string
  }]
  epoch      integer
  cur_epoch  number
  max_epoch  integer
  time_per_epoch string
  eta        string
}
}

```

STATUS CODE - 404: User, Model or Job not found

RESPONSE MODEL - application/json

```

{
  error_desc string
  error_code integer
}

```

2.14 DELETE /api/v1/user/{user_id}/model/{model_id}/job/{job_id}

Delete Model Job

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID for Model
*job_id	uuid	ID for Job

RESPONSE

STATUS CODE - 200: Successfully requested deletion of specified Job ID

STATUS CODE - 400: Bad request, see reply body for details

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

STATUS CODE - 404: User, Model or Job not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

2.15 POST /api/v1/user/{user_id}/model/{model_id}/job/{job_id}/cancel Cancel Model Job (or pause training)

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID for Model
*job_id	uuid	ID for Job

RESPONSE

STATUS CODE - 200: Successfully requested cancelation or training pause of specified Job ID (asynchronous)

STATUS CODE - 404: User, Model or Job not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

2.16 POST /api/v1/user/{user_id}/model/{model_id}/job/{job_id}/resume

Resume Model Job

Resume Model Job (train/retrain only)

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID for Model
*job_id	uuid	ID for Job

RESPONSE

STATUS CODE - 200: Successfully requested resume of specified Job ID (asynchronous)

STATUS CODE - 404: User, Model or Job not found

RESPONSE MODEL - application/json

```
{
  error_desc string
  error_code integer
}
```

2.17 GET /api/v1/user/{user_id}/model/{model_id}/job/{job_id}/download

Download Job Artifacts

Download the Artifacts produced by a given job

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*user_id	uuid	User ID
*model_id	uuid	ID of Model
*job_id	uuid	Job ID

RESPONSE

STATUS CODE - 200: Returned Job Artifacts

RESPONSE MODEL - application/octet-stream

string

STATUS CODE - 404: User, Model or Job not found

RESPONSE MODEL - application/json

```
{
```

```
error_desc string
error_code integer
}
```
