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IADI-API description v2 OAS3

Servers

http://localhost:4200 - Generated server url

package-controller ^

| PUT | /api/packages/{id}/status | ^ |

Parameters   Try it out

Name	Description

id * required
integer($int64)
(path)

status
string
(query)

Available values : AwaitingEntry, InStorage, InTransit, Delivered, ReturnedToTheSource, Lost, Damaged

--

Responses

Code	Description	Links

200   OK   *No links*

PUT   `/api/packages/{id}` `/destination`   ⌃

Parameters   Try it out

Name	Description
id * required **integer($int64)** *(path)*	[id]
destination **string** *(query)*	[destination]

Responses

Code	Description	Links
200	OK	*No links*

GET   `/api/packages`   ⌃

Parameters   Try it out

No parameters

Responses

Code	Description	Links
200	OK	*No links*

Media type

```
*/*
```

Controls `Accept` header.

Example Value   Schema

```
[
  {
    "packageId": 0,
    "description": "string",
    "height": 0,
    "width": 0,
    "length": 0,
    "weight": 0,
    "origin": "string",
    "destination": "string",
    "history": [
      {
        "id": 0,
        "status": "AwaitingEntry",
        "date": "2022-12-11T13:05:58.904Z"
      }
    ],
    "client": {
      "username": "string"
    },
    "status": "AwaitingEntry"
  }
```

POST   **/api/packages**   ⌃

Parameters   Try it out

No parameters

Request body ^{required}   application/json

Example Value   Schema

```json
{
  "description": "string",
  "height": 0,
  "width": 0,
  "length": 0,
  "weight": 0,
  "origin": "string",
  "destination": "string",
  "client": {
    "username": "string"
  }
}
```

Responses

Code	Description	Links
200	OK	*No links*

GET **/api/packages/{id}**   ∧

Parameters   [Try it out]

Name	Description
id * required **integer($int64)** *(path)*	[ ]

Responses

Code	Description	Links

200   OK   *No links*

Media type

```
*/*
```
Controls Accept header.

Example Value   Schema

```
{
  "packageId": 0,
  "description": "string",
  "height": 0,
  "width": 0,
  "length": 0,
  "weight": 0,
  "origin": "string",
  "destination": "string",
  "history": [
    {
      "id": 0,
      "status": "AwaitingEntry",
      "date": "2022-12-11T13:05:58.921Z"
    }
  ],
  "client": {
    "username": "string"
  },
  "status": "AwaitingEntry"
}
```

DELETE   **/api/packages/{id}**   ⌄

Parameters   Try it out

Name	Description
id * required **integer($int64)** *(path)*	

Responses

Code	Description	Links
200	OK	*No links*

GET /api/packages/{id}/statusAndHistory ⌃

Parameters

Try it out

Name	Description
id * required **integer($int64)** *(path)*	[ ]

Responses

Code	Description	Links
200	OK	*No links*

Media type

[***/***]

Controls `Accept` header.

Example Value Schema

```json
{
  "packageId": 0,
  "status": "AwaitingEntry",
  "history": [
    {
      "id": 0,
      "status": "AwaitingEntry",
      "date": "2022-12-11T13:05:58.936Z"
    }
  ],
  "description": "string",
  "height": 0,
  "width": 0,
  "length": 0,
  "weight": 0,
  "origin": "string",
  "destination": "string"
}
```

message-controller ⌃

GET	/api/messages	⌃

Parameters
                                                        Try it out

No parameters

Responses

Code	Description	Links
200	OK	*No links*

Media type

```
*/*
```

Controls `Accept` header.

Example Value   Schema

```
        [
          {
            "messageId": 0,
            "from": "string",
            "to": "string",
            "subject": "string",
            "body": "string",
            "timestamp": "2022-12-11T13:05:58.940Z",
            "packageId": 0,
            "previous_messageId": 0
          }
        ]
```

POST /api/messages   ⌃

Parameters	Try it out

No parameters

Request body **required**	application/json

Example Value   Schema

```
{
  "from": "string",
  "to": "string",
  "subject": "string",
  "body": "string",
  "timestamp": "2022-12-11T13:05:58.944Z",
  "packageId": 0,
  "previous_messageId": 0
}
```

Responses

Code	Description	Links
200	OK	*No links*

GET /api/messages/{id} ⌃

Parameters

<div style="text-align:right">

Try it out

</div>

Name	Description
id * required **integer**($int64) *(path)*	[id]

Responses

Code	Description	Links
200	OK	*No links*

Media type

```
*/*
```

Controls `Accept` header.

Example Value   Schema

```
{
  "messageId": 0,
  "from": "string",
  "to": "string",
  "subject": "string",
  "body": "string",
  "timestamp": "2022-12-11T13:05:58.948Z",
  "packageId": 0,
  "previous_messageId": 0
}
```

client-controller ⌃

GET /api/user/{username}/truck ⌃

Parameters

Try it out

Name	Description
username * required string *(path)*	

Responses

Code	Description	Links
200	OK Media type `*/*` Controls `Accept` header. **Example Value** Schema	*No links*

```
{
  "truckId": 0,
  "driver": "string",
  "packages": "string"
}
```

GET `/api/user/{username}/role` ∧

Parameters

Try it out

Name	Description
username * required string *(path)*	

Responses

Code	Description	Links
200	OK	No links

Media type

```
*/*
```

Controls `Accept` header.

Example Value   Schema

```
{
    "name": "string"
}
```

GET   /api/user/{username}/packages   ⌃

Parameters

Try it out

Name	Description
username * required `string` *(path)*	[username]

Responses

Code	Description	Links
200	OK	No links

Media type

```
*/*
```

Controls Accept header.

Example Value   Schema

```
[
  {
    "packageId": 0,
    "status": "AwaitingEntry",
    "history": [
      {
        "id": 0,
        "status": "AwaitingEntry",
        "date": "2022-12-11T13:05:58.960Z"
      }
    ],
    "description": "string",
    "height": 0,
    "width": 0,
    "length": 0,
    "weight": 0,
    "origin": "string",
    "destination": "string"
  }
]
```

GET   **/api/user/{username}/messages**   ⌃

Parameters   Try it out

Name	Description
username * required **string** *(path)*	username

Responses

Code	Description	Links

200

OK

No links

Media type

```
*/*
```

Controls `Accept` header.

Example Value   Schema

```json
[
  {
    "messageId": 0,
    "from": "string",
    "to": "string",
    "subject": "string",
    "body": "string",
    "timestamp": "2022-12-11T13:05:58.965Z",
    "packageId": 0,
    "previous_messageId": 0
  }
]
```

GET	/api/user/{username}/hub	⌃

Parameters

Try it out

Name	Description
username * required **string** *(path)*	username</input>

Responses

Code	Description	Links
200	OK	*No links*

Media type

```
*/*
```

Controls Accept header.

Example Value   Schema

```
{
  "hubId": 0,
  "name": "string",
  "address": "string",
  "description": "string",
  "packages": "string"
}
```

truck-controller ⌃

| GET | **/api/trucks** | ⌃ |

Parameters   Try it out

No parameters

Responses

Code	Description	Links
200	OK	*No links*

Media type

```
*/*
```

Controls Accept header.

Example Value   Schema

```
        [
          {
            "truckId": 0,
            "driver": "string",
            "packages": "string"
          }
        ]
```

GET	/api/trucks/{id}/packages	⌃

Parameters

<div align="right">

Try it out

</div>

Name	Description

id * required
integer($int64)
(path)

Responses

Code	Description	Links
200	OK	*No links*

Media type

```
*/*
```

Controls `Accept` header.

Example Value   Schema

```
[
  {
    "packageId": 0,
    "description": "string",
    "height": 0,
    "width": 0,
    "length": 0,
    "weight": 0,
    "origin": "string",
    "destination": "string",
    "history": [
      {
        "id": 0,
        "status": "AwaitingEntry",
        "date": "2022-12-11T13:05:58.975Z"
      }
    ],
    "client": {
      "username": "string"
    },
    "status": "AwaitingEntry"
  }
```

hub-controller   ⌄

GET	/api/hubs	⌄

Parameters   Try it out

No parameters

Responses

Code	Description	Links
200	OK	*No links*

Media type

```
*/*
```

Controls Accept header.

Example Value   Schema

```
[
  {
    "hubId": 0,
    "name": "string",
    "address": "string",
    "description": "string",
    "packages": "string"
  }
]
```

| GET | /api/hubs/{id}/packages | ∧ |

Parameters   Try it out

Name	Description

id * required
integer($int64)
(path)

Responses

Code	Description	Links
200	OK	*No links*

Media type

```
*/*
```

Controls Accept header.

Example Value   Schema

```json
[
  {
    "packageId": 0,
    "description": "string",
    "height": 0,
    "width": 0,
    "length": 0,
    "weight": 0,
    "origin": "string",
    "destination": "string",
    "history": [
      {
        "id": 0,
        "status": "AwaitingEntry",
        "date": "2022-12-11T13:05:58.983Z"
      }
    ],
    "client": {
      "username": "string"
    },
    "status": "AwaitingEntry"
  }
```

Schemas ∧

ClientDTO {
    username*   string
}

PackageCreateDTO   {
    description*   string
    height*   integer($int64)
    width*   integer($int64)
    length*   integer($int64)
    weight*   integer($int32)
    origin*   string
    destination*   string
    client*   **ClientDTO**   {...}

}

↩

MessageCreateDTO {
   from*   string
   to*   string
   subject*   string
   body*   string
   timestamp*   string($date-time)
   packageId*   integer($int64)
   previous_messageId*   integer($int64)

}

↩

TruckDTO {
   truckId*   integer($int64)
   driver*   string
   packages*   string

}

↩

RoleDTO {
   name*   string

}

↩

PHistory {
   id*   integer($int64)
   status   string
                            Enum:

       [AwaitingEntry, InStorage, InTransit, Delivered,
   ReturnedToTheSource, Lost, Damaged]
   date*   string($date-time)

}

↵

PackageClientDto   {
```
packageId*              integer($int64)
status                  string
                        Enum:

                            [ AwaitingEntry, InStorage, InTransit, Delivered,
                        ReturnedToTheSource, Lost, Damaged ]
history                        [PHistory    {...}]
description*            string
height*                 integer($int64)
width*                  integer($int64)
length*                 integer($int64)
weight*                 integer($int32)
origin*                 string
destination*            string

}
```

↵

MessageDTO   {
```
messageId*              integer($int64)
from*                   string
to*                     string
subject*                string
body*                   string
timestamp*              string($date-time)
packageId               integer($int64)
previous_messageId      integer($int64)

}
```

↵

HubDTO   {
```
hubId*                  integer($int64)
name*                   string
address*                string
description*            string
packages*               string

}
```

PackageDTO {
    packageId*   integer($int64)
    description*   string
    height*   integer($int64)
    width*   integer($int64)
    length*   integer($int64)
    weight*   integer($int32)
    origin*   string
    destination*   string
    history   [**PHistory**   {...}]
    client*   **ClientDTO**   {
                            username*   [...]

                        }
    status   string
                        Enum:
                            [AwaitingEntry, InStorage, InTransit, Delivered,
                        ReturnedToTheSource, Lost, Damaged]

}