CS 493 Final Project

URL: <https://hollingx-final.ue.r.appspot.com/>

DATA MODEL:

USER:

**Properties:**

Username – string – Required – Valid Values are determined by Auth0

* I only stored one property for users in datastore because it is the only property I need to have a fully functioning API. Auth0 handles everything else.

The user entity can own rockets and it is not related to astronauts. There is no limit on the number of rockets a user can own.

Unique Identifier – I am using the email that is entered as the unique identifier and calling it the username

Requests only need a token, a user ID is not required.

ROCKET:

**Properties:**

Name – String – Required – Valid values are the alphabet

Price – String – Required – Valid values are alphanumeric

Weight – String – Required – Valid values are alphanumeric

ownerID – String – Required – Valid value are alphanumeric and @

Astronauts – Array of numbers (astronaut id’s) – Not required

The rocket entity can have many astronauts on board but an astronaut can only be on one rocket at a time. A rocket is owned by an owner while astronauts are not. Anyone can put an astronaut on board a rocket regardless of who owns the rocket. Only the person who owns the rocket can edit the values of the rocket though.

ASTRONAUT:

**Properties:**

Name – String – Required – Valid values are the alphabet

Age – Number – Required – Valid values are numbers (18-100)

Sex – String – Required – Valid values are ‘male’ or ‘female’

Rocket – Number – Not required – Valid values are numbers

The astronaut entity can be on one rocket at a time. An astronaut does not have to be on a rocket.

Final Project: API Spec

CS 493: Cloud Application Development

Spring 2020

Xavier Hollingsworth

URL: https://hollingx-final.ue.r.appspot.com

Oregon State University

Create a Rocket – 3

Get a Rocket – 5

Get Rockets by Owner – 7

Patch a Rocket – 8

Put a Rocket – 10

Delete a Rocket – 12

Create an Astronaut - 14

Get an Astronaut - 16

Get all Astronauts - 17

Patch an Astronaut - 18

Put an Astronaut - 20

Put an Astronaut on a Rocket - 22

Remove Astronaut from Rocket - 24

Delete an Astronaut - 26

# Create a Rocket

Allows you to create a new rocket.

|  |
| --- |
| POST /rockets |

## Request

### Request Authorization

Bearer Token + {{token}}

### Request Parameters

None

### Request Body

Required

### Request Body Format

JSON

### Request JSON Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| name | String | The name of the rocket | Yes |
| Price | String | The price of the rocket | Yes |
| weight | String | The weight of the rocket in tons | Yes |

### Request Body Example

|  |
| --- |
| {  "name": "Falcon 9",  "price": "30 million",  "weight": “4000 tons”  } |

## Response

### Response Body Format

JSON

### Response Statuses

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status Code** | **Notes** |
| Success | 201 Created |  |
| Failure | 400 Bad Request | If the request is missing any of the 3 required attributes the rocketwill not be created and a 400 error code will be returned. |
| Failure | 401 Unauthorized | Invalid/missing JWT |
| Failure | 406 Not Acceptable | The accept header is not ‘application/json’ |

### Response Examples

#### Success

|  |
| --- |
| Status: 201 Created  {  "id": "123456789",  "name": "Falcon 9",  "price": "30 million",  "weight": “4000 tons”,  "self": "https://hollingx-final.ue.r.appspot.com/rockets/123456789”  } |

#### Failure

|  |
| --- |
| Status: 400 Bad Request  {  "Error": "The request object is missing at least one of the required attributes"  } |

#### Failure

|  |
| --- |
| Status: 401 Unauthorized  {  "Error": "Incorrect/invalid JWT provided"  } |

#### Failure

|  |
| --- |
| Status: 406 Not Acceptable  {  "Error": "Accept header does not accept ‘application/njson’"  } |

# 

# Get a Rocket

View a rocket by id

|  |
| --- |
| GET /rockets/:rocket\_id |

## Request

### Request Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| rocket\_id | String | The id of the rocket | Yes |

### Request Body

None

### Request Authorization

Bearer Token + {{token}}

## Response

### Response Body Format

JSON

### Response Statuses

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status Code** | **Notes** |
| Success | 201 Created |  |
| Failure | 400 Bad Request | If the request is missing any of the 3 required attributes the rocket will not be created and a 400 error code will be returned. |
| Failure | 401 Unauthorized | Invalid/missing JWT |
| Failure | 403 Forbidden | This rocket is owned by someone else |
| Failure | 404 Not found | A rocket with this id does not exist |
| Failure | 406 Not Acceptable | The accept header is not ‘application/json’ |

### Response Examples

#### Success

|  |
| --- |
| Status: 200 Ok  {  "id": "123456789",  "name": "Falcon 9",  "price": "30 million",  "weight": “4000 tons”  "self": " https://hollingx-final.ue.r.appspot.com/rockets/123456789"  } |

#### Failure

|  |
| --- |
| Status: 401 Unauthorized  {  "Error": "Incorrect/invalid JWT provided"  } |

#### Failure

|  |
| --- |
| Status: 403 Forbidden  {  "Error": "This rocket is owned by someone else"  } |

#### Failure

|  |
| --- |
| Status: 404 Not Found  {  "Error": "No rocket with this rocket\_id exists"  } |

#### Failure

|  |
| --- |
| Status: 406 Not Acceptable  {  "Error": "Unsupported media type in Accept Header. Must be application/JSON"  } |

# Get Rockets of an Owner

Get all rockets owned by an owner

|  |
| --- |
| GET /rockets |

## Request

### Request Body

None

### Request Authorization

Bearer Token + {{token}}

## Response

### Response Body Format

JSON

### Response Statuses

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status Code** | **Notes** |
| Success | 200 OK |  |
| Failure | 401 Unauthorized | Invalid/missing JWT |
| Failure | 406 Not Acceptable | If the client sends a media type other than JSON in the body the server will return a 406 error. |

### Response Examples

#### Success

|  |
| --- |
| Status: 200 OK  {  "id": "123456789",  "name": "Falcon 9",  “price”: “30 million”  “weight”: “4000 tons”  “self”: “<https://hollingx-final.ue.r.appspot.com>/rockets/123456789”  } |

#### Failure

|  |
| --- |
| Status: 401 Unauthorized  {  "Error": "Invalid/missing JWT"  } |

#### Failure

|  |
| --- |
| Status: 406 Not Acceptable  {  "Error": "Unsupported media type in Accept Header. Must be application/JSON"  } |

# Patch a Rocket

Allows you to partially modify any attribute of the rocket

|  |
| --- |
| PATCH /rockets/:rocket\_id |

## Request

JSON

### Request Authorization

Bearer Token + {{token}}

### Request Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| rocket\_id | String | ID of the rocket | Yes |

### Request Body

### Request JSON Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| name | String | The name of the rocket | No |
| Price | String | The price of the rocket | No |
| weight | String | The weight of the rocket | No |

### Request Body Example

|  |
| --- |
| {  "name": "Falcon Heavy",  "price": "30 million",  "weight": “4000 tons”  } |

## Response

### Response Body Example

|  |
| --- |
| {  “id”: “123456789”,  "name": "Falcon Heavy",  "price": "30 million",  "weight": “4000 tons”  “self”: “<https://hollingx-final.ue.r.appspot.com>/rockets/123456789”  } |

### Response Body Format

Success: JSON

Failure: JSON

### Response Statuses

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status Code** | **Notes** |
| Success | 204 No Content | Successfully updated the rocket. |
| Failure | 401 Unauthorized | Invalid/missing JWT |
| Failure | 403 Forbidden | This rocket belongs to someone else |
| Failure | 404 Not found | A rocket with this rocket\_id does not exist |
| Failure | 405 Method not allowed | Allow header must be ‘application/json’ |
| Failure | 406 Not acceptable | Accept header must be ‘application/json’ |

### Response Examples

#### Success

|  |
| --- |
| Status: 204 No Content  {  “id”: “123456789”,  "name": "Falcon Heavy",  "price": "30 million",  "weight": “4000 tons”  “self”: “<https://hollingx-final.ue.r.appspot.com>/rockets/123456789”  } |

#### Failure

|  |
| --- |
| Status: 401 Unauthorized  {  "Error": "Invalid/missing JWT"  } |

#### Failure

|  |
| --- |
| Status: 403 Forbidden  {  "Error": "This rocket belongs to someone else"  } |

#### Failure

|  |
| --- |
| Status: 404 Not Found  {  "Error": "A rocket with this rocket\_id does not exist"  } |

#### Failure

|  |
| --- |
| Status: 405 Method not allowed  {  "Error": "Allow header must be ‘application/json’"  } |

#### Failure

|  |
| --- |
| Status: 406 Not acceptable  {  "Error": "Accept header must be ‘application/json’"  } |

# Put a Rocket

Modify a rocket. Completely replaces the old rocket

|  |
| --- |
| PUT /rockets/:rocket\_id |

## Request

JSON

### Request Authorization

Bearer Token + {{token}}

### Request Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| rocket\_id | String | ID of the rocket | Yes |

### Request Body

### Request JSON Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| name | String | The name of the rocket | No |
| Price | String | The price of the rocket | No |
| weight | String | The weight of the rocket | No |

### Request Body Example

|  |
| --- |
| {  "name": "Falcon Heavy",  "price": "30 million",  "weight": “4000 tons”  } |

## Response

### Request Body Example

|  |
| --- |
| {  “id”: “123456789”,  "name": "Falcon Heavy",  "price": "30 million",  "weight": “4000 tons”  “self”: “<https://hollingx-final.ue.r.appspot.com>/rockets/123456789”  } |

### Response Body Format

Success: JSON

Failure: JSON

### Response Statuses

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status Code** | **Notes** |
| Success | 204 No Content | Successfully updated the rocket. |
| Failure | 401 Unauthorized | Invalid/missing JWT |
| Failure | 403 Forbidden | This rocket belongs to someone else |
| Failure | 404 Not found | A rocket with this rocket\_id does not exist |
| Failure | 405 Method not allowed | Allow header must be ‘application/json’ |
| Failure | 406 Not acceptable | Accept header must be ‘application/json’ |

### Response Examples

#### Success

|  |
| --- |
| Status: 204 No Content  {  “id”: “123456789”,  "name": "Falcon Heavy",  "price": "30 million",  "weight": “4000 tons”  “self”: “<https://hollingx-final.ue.r.appspot.com>/rockets/123456789”  } |

#### Failure

|  |
| --- |
| Status: 401 Unauthorized  {  "Error": "Invalid/missing JWT"  } |

#### Failure

|  |
| --- |
| Status: 403 Forbidden  {  "Error": "This rocket belongs to someone else"  } |

#### Failure

|  |
| --- |
| Status: 404 Not Found  {  "Error": "A rocket with this rocket\_id does not exist"  } |

#### Failure

|  |
| --- |
| Status: 405 Method not allowed  {  "Error": "Allow header must be ‘application/json’"  } |

#### Failure

|  |
| --- |
| Status: 406 Not acceptable  {  "Error": "Accept header must be ‘application/json’"  } |

# Delete a Rocket

Delete a rocket

|  |
| --- |
| DELETE /rockets/:rocket\_id |

## Request

### Request Authorization

Bearer Token + {{token}}

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| rocket\_id | String | ID of the rocket | Yes |

### Request Body

None

## Response

### Response Body Format

JSON

### Response Statuses

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status Code** | **Notes** |
| Success | 204 No Content | Successfully updated the rocket. |
| Failure | 401 Unauthorized | Invalid/missing JWT |
| Failure | 403 Forbidden | This rocket belongs to someone else |
| Failure | 404 Not found | A rocket with this rocket\_id does not exist |
| Failure | 405 Method not allowed | Allow header must be ‘application/json’ |
| Failure | 406 Not acceptable | Accept header must be ‘application/json’ |

### Response Examples

#### Success

|  |
| --- |
| Status: 204 No Content  {  } |

#### Failure

|  |
| --- |
| Status: 401 Unauthorized  {  "Error": "Invalid/missing JWT"  } |

#### Failure

|  |
| --- |
| Status: 403 Forbidden  {  "Error": "This rocket belongs to someone else"  } |

#### Failure

|  |
| --- |
| Status: 404 Not Found  {  "Error": "A rocket with this rocket\_id does not exist"  } |

#### Failure

|  |
| --- |
| Status: 405 Method not allowed  {  "Error": "Allow header must be ‘application/json’"  } |

#### Failure

|  |
| --- |
| Status: 406 Not acceptable  {  "Error": "Accept header must be ‘application/json’"  } |

# Create an Astronaut

Create a new astronaut

|  |
| --- |
| POST /astronauts |

## Request

### Request Parameters

None

### Request Body

Required

### Request Body Format

JSON

### Request JSON Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| name | String | The name of the astronaut | Yes |
| Age | String | The age of the astronaut | Yes |
| sex | String | The sex of the astronaut | Yes |

### Request Body Example

|  |
| --- |
| {  "name": "Elon Musk",  "age": "48",  "sex": “Male”  } |

## Response

### Response Body Format

JSON

### Response Statuses

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status Code** | **Notes** |
| Success | 201 Created |  |
| Failure | 400 Bad Request | If the request is missing any of the 3 required attributes the astronaut will not be created and a 400 error code will be returned. |
| Failure | 406 Not Acceptable | The accept header is not ‘application/json’ |

### Response Examples

#### Success

|  |
| --- |
| Status: 201 Created  {  "id": "123456789",  "name": "Elon Musk",  "age": "48",  "sex": “Male”  "self": "https://hollingx-final.ue.r.appspot.com/astronauts/123456789”  } |

#### Failure

|  |
| --- |
| Status: 400 Bad Request  {  "Error": "The request object is missing at least one of the required attributes"  } |

#### Failure

|  |
| --- |
| Status: 406 Not Acceptable  {  "Error": "Accept header does not accept ‘application/json’"  } |

# Get an Astronaut

Get an astronaut

|  |
| --- |
| GET /astronauts/:astronaut\_id |

## Request

### Request Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| astronaut\_id | String | The id of the astronaut | Yes |

### Request Body

None

## Response

### Response Body Format

JSON

### Response Statuses

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status Code** | **Notes** |
| Success | 201 Created |  |
| Failure | 404 Not found | An astronaut with this id does not exist |
| Failure | 406 Not Acceptable | The accept header is not ‘application/json’ |

### Response Examples

#### Success

|  |
| --- |
| Status: 200 Ok  {  "id": "123456789",  "name": "Elon Musk",  "age": "48",  "sex": “male”  "self": " https://hollingx-final.ue.r.appspot.com/astronauts/123456789"  } |

#### Failure

|  |
| --- |
| Status: 404 Not Found  {  "Error": "No astronaut with this id exists"  } |

#### Failure

|  |
| --- |
| Status: 406 Not Acceptable  {  "Error": "Unsupported media type in Accept Header. Must be application/JSON"  } |

# Get all Astronauts

Get all astronauts

|  |
| --- |
| GET /astronauts |

### Request Body

None

## Response

### Response Body Format

JSON

### Response Statuses

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status Code** | **Notes** |
| Success | 200 OK |  |

### Response Examples

#### Success

|  |
| --- |
| Status: 200 OK  {  "id": "123456789",  "name": "Elon Musk",  “age”: “48”  “sex”: “male”,  “rocket”: “987654321”  “self”: “<https://hollingx-final.ue.r.appspot.com>/astronauts/123456789”  } |

# Patch an Astronaut

Partially modify an astronaut

|  |
| --- |
| PATCH /astronauts/:astronaut\_id |

## Request

JSON

### Request Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| astronaut\_id | String | ID of the astronaut | Yes |

### Request Body

### Request JSON Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| name | String | The name of the astronaut | No |
| Age | String | The age of the rocket | No |
| sex | String | The sex of the rocket | No |

### Request Body Example

|  |
| --- |
| {  "name": "Elon Tusk",  "age": "49",    } |

## Response

### Response Body Example

|  |
| --- |
| {  “id”: “123456789”,  "name": "Elon Tusk",  "age": "49",  "sex": “male”,  “rocket”: “987654321”,  “self”: “<https://hollingx-final.ue.r.appspot.com>/astronauts/123456789”  } |

### Response Body Format

Success: JSON

Failure: JSON

### Response Statuses

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status Code** | **Notes** |
| Success | 204 No Content | Successfully updated the rocket. |
| Failure | 404 Not found | A rocket with this rocket\_id does not exist |
| Failure | 405 Method not allowed | Allow header must be ‘application/json’ |
| Failure | 406 Not acceptable | Accept header must be ‘application/json’ |

### Response Examples

#### Success

|  |
| --- |
| Status: 204 No Content  {  “id”: “123456789”,  "name": "Elon Tusk",  "age": "49",  "sex": “male”,  “rocket”: “987654321”,  “self”: “<https://hollingx-final.ue.r.appspot.com>/astronauts/123456789”  } |

#### Failure

|  |
| --- |
| Status: 404 Not Found  {  "Error": "An astronaut with this id does not exist"  } |

#### Failure

|  |
| --- |
| Status: 405 Method not allowed  {  "Error": "Allow header must be ‘application/json’"  } |

#### Failure

|  |
| --- |
| Status: 406 Not acceptable  {  "Error": "Accept header must be ‘application/json’"  } |

# Put an Astronaut

Modify an astronaut. Completely replaces the old astronaut

|  |
| --- |
| PUT /astronauts/:astronaut\_id |

## Request

JSON

### Request Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| astronaut\_id | String | ID of the astronaut | Yes |

### Request Body

### Request JSON Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| name | String | The name of the astronaut | No |
| age | String | The age of the astronaut | No |
| sex | String | The sex of the astronaut | No |

### Request Body Example

|  |
| --- |
| {  "name": "Elon Husky",  "age": "50",  } |

## Response

### Request Body Example

|  |
| --- |
| {  “id”: “123456789”,  "name": "Elon Husky",  "age": "50",  “rocket”: “987654321”,  “self”: “<https://hollingx-final.ue.r.appspot.com>/astronauts/123456789”  } |

### Response Body Format

Success: JSON

Failure: JSON

### Response Statuses

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status Code** | **Notes** |
| Success | 204 No Content | Successfully updated the astonaut |
| Failure | 404 Not found | An astronaut with this astronaut\_id does not exist |
| Failure | 405 Method not allowed | Allow header must be ‘application/json’ |
| Failure | 406 Not acceptable | Accept header must be ‘application/json’ |

### Response Examples

#### Success

|  |
| --- |
| Status: 204 No Content  {  “id”: “123456789”,  "name": "Elon Husky",  "age": "50",  “rocket”: “987654321”,  “self”: “<https://hollingx-final.ue.r.appspot.com>/astronauts/123456789”  } |

#### Failure

|  |
| --- |
| Status: 404 Not Found  {  "Error": "An astronaut with this id does not exist"  } |

#### Failure

|  |
| --- |
| Status: 405 Method not allowed  {  "Error": "Allow header must be ‘application/json’"  } |

#### Failure

|  |
| --- |
| Status: 406 Not acceptable  {  "Error": "Accept header must be ‘application/json’"  } |

# Patch an Astronaut on a Rocket

Partially modify an astronaut

|  |
| --- |
| PATCH /astronauts/:astronaut\_id/rockets/:rocket\_id |

## Request

JSON

### Request Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| astronaut\_id | String | ID of the astronaut | Yes |
| Rocket\_id | String | Id of the rocket | Yes |

### Request Body

### Request JSON Attributes

### None

### Request Body Example

## None

## Response

### Response Body Example

|  |
| --- |
| {  “id”: “123456789”,  "name": "Elon Tusk",  "age": "49",  "sex": “male”,  “rocket”: “987654321”,  “self”: “<https://hollingx-final.ue.r.appspot.com>/astronauts/123456789”  } |

### Response Body Format

Success: JSON

Failure: JSON

### Response Statuses

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status Code** | **Notes** |
| Success | 204 No Content | Successfully updated the astronaut |
| Failure | 404 Not found | A rocket or astronaut does not exist with these id’s |
| Failure | 405 Method not allowed | Allow header must be ‘application/json’ |
| Failure | 406 Not acceptable | Accept header must be ‘application/json’ |

### Response Examples

#### Success

|  |
| --- |
| Status: 204 No Content  {  “id”: “123456789”,  "name": "Elon Tusk",  "age": "49",  "sex": “male”,  “rocket”: “987654321”,  “self”: “<https://hollingx-final.ue.r.appspot.com>/astronauts/123456789”  } |

#### Failure

|  |
| --- |
| Status: 404 Not Found  {  "Error": "An astronaut or rocket does not exist with one of these id’s "  } |

#### Failure

|  |
| --- |
| Status: 405 Method not allowed  {  "Error": "Allow header must be ‘application/json’"  } |

#### Failure

|  |
| --- |
| Status: 406 Not acceptable  {  "Error": "Accept header must be ‘application/json’"  } |

# Delete an Astronaut from a Rocket

Remove an astronaut from a rocket

|  |
| --- |
| DELETE /astronauts/:astronaut\_id/rockets/:rocket\_id |

## Request

### Request Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| astronaut\_id | String | ID of the astronaut | Yes |
| Rocket\_id | String | Id of the rocket | Yes |

### Request JSON Attributes

### None

### Request Body Example

## None

## Response

### Response Body Example

|  |
| --- |
| {  “id”: “123456789”,  "name": "Elon Tusk",  "age": "49",  "sex": “male”,  “self”: “<https://hollingx-final.ue.r.appspot.com>/astronauts/123456789”  } |

### Response Body Format

Success: JSON

Failure: JSON

### Response Statuses

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status Code** | **Notes** |
| Success | 204 No Content | Successfully updated the astronaut |
| Failure | 404 Not found | A rocket or astronaut does not exist with these id’s |
| Failure | 405 Method not allowed | Allow header must be ‘application/json’ |
| Failure | 406 Not acceptable | Accept header must be ‘application/json’ |

### Response Examples

#### Success

|  |
| --- |
| Status: 204 No Content  {  “id”: “123456789”,  "name": "Elon Tusk",  "age": "49",  "sex": “male”,  “self”: “<https://hollingx-final.ue.r.appspot.com>/astronauts/123456789”  } |

#### Failure

|  |
| --- |
| Status: 404 Not Found  {  "Error": "An astronaut or rocket does not exist with one of these id’s "  } |

#### Failure

|  |
| --- |
| Status: 405 Method not allowed  {  "Error": "Allow header must be ‘application/json’"  } |

#### Failure

|  |
| --- |
| Status: 406 Not acceptable  {  "Error": "Accept header must be ‘application/json’"  } |

# Delete an Astronaut

Delete an astronaut.

|  |
| --- |
| Delete /astronauts/:id |

### Request Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| astronaut\_id | String | ID of the astronaut | Yes |

### Request Body

None

## Response

### Response Body Format

JSON

### Response Statuses

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status Code** | **Notes** |
| Success | 204 No Content | Successfully deleted the astronaut |
| Failure | 404 Not found | An astronaut with this id does not exist |
| Failure | 405 Method not allowed | Allow header must be ‘application/json’ |
| Failure | 406 Not acceptable | Accept header must be ‘application/json’ |

### Response Examples

#### Success

|  |
| --- |
| Status: 204 No Content  {  } |

#### Failure

|  |
| --- |
| Status: 404 Not Found  {  "Error": "A rocket with this rocket\_id does not exist"  } |

#### Failure

|  |
| --- |
| Status: 405 Method not allowed  {  "Error": "Allow header must be ‘application/json’"  } |

#### Failure

|  |
| --- |
| Status: 406 Not acceptable  {  "Error": "Accept header must be ‘application/json’"  } |