Example API project

Version 1.0

Maciej Kitlasz

Change Control

Version	Date	Name	Role	Comment
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Sign-off / Approval

Version	Date	Name	Role	Comment

Filename, Location, Owner, and Classification

File Name	
File Location	
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Classification	

Document Distribution

Role	Name	Organization

References

Reference	Version	Section/Control/Requirement
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Introduction

This is a sample Petstore server. You can find out more about Swagger at http://swagger.io or on irc.freenode.net, #swagger. For this sample, you can use the API key special-key to test the authorization filters.

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Pets

The **Pets** entity describes everything about your pets. You can retrieve, create, update, or delete the information about the specified pet.

The available endpoints are as follows:

- **DELETE**/pet/{petId}
- **GET**/*pet/{petId}*
- **GET**/*pet/findByStatus*
- **POST**/*pet*
- **POST**/*pet/{petId}*
- **POST**/*pet/{petId}/uploadImage*
- **PUT**/*pet*

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DELETE/pet/{petId}

Deletes a pet record.

Parameters

Note: All the required fields are marked with an asterisk (*).

Property	Description	Type	Default value
api_key	Api key string	string	
petId*	Pet ID to delete	Integer ($int64)	

Request example

```
curl -X 'DELETE' \
  'https://petstore.swagger.io/v2/pet/3' \
  -H 'accept: application/json' \
  -H 'api_key: 64564'
```

Response example

Expected result is code 200 (Successful operation).

```
{
  "code": 200,
  "type": "string",
  "message": "string"
}
```

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GET/pet/{petId}

Retrieves a single pet by the specified ID.

Parameters

Parameters	Description	Type	Default value
petId	ID of pet to retrieve.	Integer	

Request example

```
curl -X 'GET' \
  'https://petstore.swagger.io/v2/pet/1' \
  -H 'accept: application/json'
```

Response example

The response includes information about the pet with the specified ID.

```
{
  "id": 1,
  "category": {
    "id": 1,
    "name": "string"
  },
  "name": "doggie",
  "photoUrls": [
    "string"
  ],
  "tags": [
    {
      "id": 1,
      "name": "string"
    }
  ],
  "status": "available"
}
```

Response schema (Properties)

Note: All the required fields are marked with an asterisk (*).

Property	Description	Type	Default value
id	ID number of the requested pet.	integer($int64)	
category	The category of the pet.		
➔ id	Category ID.	integer($int64)	
➔ name	Category name.	string	
name*	Name of the requested pet.	string	
photoURLs*	Path to the photograph of the specified pet.	string	
tags	List of tags assigned to the specified pet		
➔ id	Tag ID.	integer($int64)	
➔ name	Tag name.	string	
status	Pet status in the store. Possible values: • available • pending • sold	string	

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GET/pet/findByStatus

Finds pets by status. Available values: available, pending, sold.

Parameters

Parameters	Description	Type	Default value
status	Status value to be considered for filter	string	

Request example

```
curl -X 'GET' \
 'https://petstore.swagger.io/v2/pet/findByStatus?status=available' \
 -H 'accept: application/json'
```

Response example

The response includes information about pets with the specified status.

```
[
  {
    "id": 9223372036854749000,
    "category": {
     "id": 4,
     "name": "llama"
    },
    "name": "camel",
    "photoUrls": [
     "www.renate-steuber.biz"
    ],
    "tags": [
      {
       "id": 2,
       "name": "mosquito"
      }
    ],
    "status": "sold"
  },
  {
    "id": 9223372036854749000,
    "name": "pug",
    "photoUrls": [
     "www.pete-kassulke.info"
    ],
    "tags": [
      {
       "id": 2,
       "name": "hedgehog"
      }
    ],
    "status": "sold"
  }
]
```

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Response schema (Properties)

Note: All the required fields are marked with an asterisk (*).

Property	Description	Type	Default value
id	ID number of the requested pet.	integer($int64)	
category	The category of the pet.		
➔ id	Category ID.	integer($int64)	
➔ name	Category name.	string	
name*	Name of the requested pet.	string	
photoURLs*	Path to the photograph of the specified pet.	string	
tags	List of tags assigned to the specified pet		
➔ id	Tag ID.	integer($int64)	
➔ name	Tag name.	string	
status	Pet status in the store. Possible values: • available • pending • sold	string	

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POST/pet

Adds a new pet to the store.

Parameters

Note: All the required fields are marked with an asterisk (*).

Property	Description	Type	Default value
id	ID number of the pet to be added.	integer($int64)	
category	The category of the pet.		
➔ id	Category ID.	integer($int64)	
➔ name	Category name.	string	
name*	Name of the pet to be added.	string	
photoURLs*	Path to the photograph of the pet.	string	
tags	List of tags assigned to the specified pet		
➔ id	Tag ID.	integer($int64)	
➔ name	Tag name.	string	
status	Pet status in the store. Possible values: • available • pending • sold	string	

Request example

```
curl -X 'POST' \
  'https://petstore.swagger.io/v2/pet' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
  "id": 0,
  "category": {
    "id": 0,
    "name": "string"
  },
  "name": "doggie",
  "photoUrls": [
    "string"
  ],
  "tags": [
    {
      "id": 0,
      "name": "string"
    }
  }
```

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```
  ],
  "status": "available"
}'
```

Response example

The response includes information about pets with the specified status.

```
{
  "id": 9223372036854750000,
  "category": {
    "id": 0,
    "name": "string"
  },
  "name": "doggie",
  "photoUrls": [
    "string"
  ],
  "tags": [
    {
      "id": 0,
      "name": "string"
    }
  ],
  "status": "available"
}
```

Response schema (Properties)

Note: All the required fields are marked with an asterisk (*).

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Property	Description	Type	Default value
id	ID number of the requested pet.	integer($int64)	
category	The category of the pet.		
➔ id	Category ID.	integer($int64)	
➔ name	Category name.	string	
name*	Name of the requested pet.	string	
photoURLs*	Path to the photograph of the specified pet.	string	
tags	List of tags assigned to the specified pet		
➔ id	Tag ID.	integer($int64)	
➔ name	Tag name.	string	
status	Pet status in the store. Possible values: • available • pending • sold	string	

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POST/pet/{petId}

Updates a pet in the store with form data

Parameters

Note: All the required fields are marked with an asterisk (*).

Property	Description	Type	Default value
petId*	ID number of the pet to be modified.	integer($int64)	
name	Updated name of the pet.	string	
status	Updated status of the pet. Possible values: • available • pending • sold	string	

Request example

```
curl -X 'POST' \
 'https://petstore.swagger.io/v2/pet/5' \
 -H 'accept: application/json' \
 -H 'Content-Type: application/x-www-form-urlencoded' \
 -d 'name=doggo&status=available'
```

Response example

Expected result is code 200 (Successfully changed).

```
{
 "code": 200,
 "type": "unknown",
 "message": "5"
}
```

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POST/pet/{petId}/uploadImage

Uploads an image to a pet entry

Parameters

Note: All the required fields are marked with an asterisk (*).

Property	Description	Type	Default value
petId*	ID number of the pet to be modified.	integer($int64)	
additionalMetadata	Additional data to pass to server	string	
file	File to upload	file	

Request example

```
curl -X 'POST' \
  'https://petstore.swagger.io/v2/pet/1/uploadImage' \
  -H 'accept: application/json' \
  -H 'Content-Type: multipart/form-data' \
  -F 'file=@70072691_1319311521555865_7934040940702859264_n_523675574452801.png;type=image/png'
```

Response example

Expected result is code 200 (Successful operation).

```
{
  "code": 200,
  "type": "string",
  "message": "string"
}
```

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PUT/pet

Updates an existing pet record in the store

Parameters

Note: All the required fields are marked with an asterisk (*).

Property	Description	Type	Default value
petId	ID number of the pet to be added.	integer($int64)	
category	The category of the pet.		
➔ id	Category ID.	integer($int64)	
➔ name	Category name.	string	
name*	Name of the pet to be added.	string	
photoURLs*	Path to the photograph of the pet.	string	
tags	List of tags assigned to the specified pet		
➔ id	Tag ID.	integer($int64)	
➔ name	Tag name.	string	
status	Pet status in the store. Possible values: • available • pending • sold	string	

Request example

```
curl -X 'PUT' \
 'https://petstore.swagger.io/v2/pet' \
 -H 'accept: application/json' \
 -H 'Content-Type: application/json' \
 -d '{
"id": 3,
"category": {
 "id": 0,
 "name": "string"
},
"name": "doggie",
"photoUrls": [
 "string"
],
"tags": [
  {
   "id": 0,
```

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```
    "name": "string"
    }
  ],
  "status": "available"
}'
```

Response example

```
{
  "id": 3,
  "category": {
    "id": 0,
    "name": "string"
  },
  "name": "doggie",
  "photoUrls": [
    "string"
  ],
  "tags": [
    {
      "id": 0,
      "name": "string"
    }
  ],
  "status": "available"
}
```

Response schema (Properties)

Property	Description	Type	Default value
petId	ID number of the requested pet.	integer($int64)	
category	The category of the pet.		
➔ id	Category ID.	integer($int64)	
➔ name	Category name.	string	
name	Name of the requested pet.	string	
photoURLs	Path to the photograph of the specified pet.	string	
tags	List of tags assigned to the specified pet		
➔ id	Tag ID.	integer($int64)	
➔ name	Tag name.	string	
status	Pet status in the store. Possible values: • available • pending • sold	string	

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Status Codes

Code	Meaning	How to handle (if applicable)
200	Successful operation.	---
400	Bad request.	Provide an existing pet ID. Try to retrieve a list of all the pets. Then find the necessary ID, pet name or category.
404	Pet/order not found.	Provide an existing pet. Try to retrieve a list of all the pets. Then find the necessary ID, pet name or category. If not applicable, try creating a new entry.
405	Invalid input.	Re-check the formatting of your input.

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Store

The **Store** entity enables access to Petstore orders. You can retrieve, create, or delete pet store orders, as well as get a list of pet store inventory.

The available endpoints are as follows:

- **DELETE**/*store/order/{orderId}*
- **GET**/*store/order/{orderId}*
- **GET**/*store/inventory*
- **POST**/*store/order*

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DELETE/store/order/{orderId}

Removes a single purchase order by the specified ID.

Note: For valid try integer IDs with positive integer value. <u>Negative or non-integer values will generate API errors.</u>

Parameters

Parameters	Description	Type	Default value
orderId	ID of order to delete.	integer ($int64)	

Request example

```
curl -X 'DELETE' \
  'https://petstore.swagger.io/v2/store/order/1' \
  -H 'accept: application/json'
```

Response example

Expected response is 200 (successful operation). Returns the ID of the deleted order.

```
{
  "code": 200,
  "type": "unknown",
  "message": "3"
}
```

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GET/store/order/{*orderId*}

Retrieves a single purchase order by the specified ID.

Note: For valid response try integer IDs with value >= 1 and <= 10. Other values will generate exceptions.

Parameters

Parameters	Description	Type	Default value
orderId	ID of order to retrieve.	Integer (1=<, x <=10)	

Request example

```
curl -X 'GET' \
 'https://petstore.swagger.io/v2/store/order/1' \
 -H 'accept: application/json'
```

Response example

The response includes information about the order with the specified ID.

```
{
  "id": 1,
  "petId": 0,
  "quantity": 0,
  "shipDate": "2024-02-20T11:11:20.729+0000",
  "status": "placed",
  "complete": true
}
```

Response schema (Properties)

Property	Description	Type	Default value
id	ID number of the requested order.	integer($int64)	
petId	ID of the pet assigned to the order.	integer($int64)	
quantity	Number of ordered pets.	integer($int32)	
status	Order status in the store. Possible values: • placed • approved • delivered	string	
complete	Returns 'true' if the order was completed, otherwise returns 'false'.	boolean	

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GET/store/inventory

Returns pet inventories by their status.

Parameters

No parameters.

Request example

```
curl -X 'GET' \
  'https://petstore.swagger.io/v2/store/inventory' \
  -H 'accept: application/json'
```

Response example

The response includes a map of status codes with corresponding quantities:

```
{
  "unavailable": 2,
  "available": 381,
  "pending": 2,
  "testStatus": 1,
}
```

Response schema (Properties)

Property	Description	Type	Default value
< * >:	Order status followed by quantity	integer($int32)	

POST/store/order

Places a new order for a pet.

Parameters

Parameters	Description	Type	Default value
id	ID number of the new order.	integer($int64)	
petId	ID of the pet assigned to the order.	integer($int64)	
quantity	Number of ordered pets.	integer($int32)	
shipDate	Planned shipment date	string($date-time)	
status	Order status in the store. Possible values: • placed • approved • delivered	string	
complete	Returns 'true' if the order was completed, otherwise returns 'false'.	boolean	

Request example

```
curl -X 'POST' \
  'https://petstore.swagger.io/v2/store/order' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
  "id": 3,
  "petId": 2,
  "quantity": 1,
  "shipDate": "2024-02-20T11:11:20.729Z",
  "status": "placed",
  "complete": true
}'
```

Response example

The response echoes back the information about the new order.

```
{
  "id": 3,
  "petId": 2,
  "quantity": 1,
  "shipDate": "2024-02-20T11:11:20.729+0000",
  "status": "placed",
  "complete": true
}
```

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Response schema (Properties)

Property	Description	Type	Default value
id	ID number of the new order.	integer($int64)	
petId	ID of the pet assigned to the order.	integer($int64)	
quantity	Number of ordered pets.	integer($int32)	
shipDate	Planned shipment date	string($date-time)	
status	Order status in the store. Possible values: • placed • approved • delivered	string	
complete	Returns 'true' if the order was completed, otherwise returns 'false'.	boolean	

Status Codes

Code	Meaning	How to handle (if applicable)
200	Successful operation.	---
400	Invalid ID supplied.	Check if the ID number is a valid integer.
404	Order not found.	Provide an existing order ID. Try to retrieve a list of all the pets. Then find the necessary ID, pet name or category. If not applicable, try creating a new entry.

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