Sakila API

Overview

An API using the Sakila demo database created by MySQL. The database contains data of a fictional DVD rental store.

Paths

GET `/Customers/{id}` Get a single customer by Id.

Parameters

Type	Name	Description	Schema
path	**id** *required*		integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET `/Customers` Get multiple customers.

Parameters

Type	Name	Description	Schema
query	**limit** *optional*	The amount of customer per page	integer (int32)
query	**page** *optional*	The current page being viewed	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
400	Bad Request *Content* **text/plain** **application/json** **text/json**	No Links

GET `/Customers/{id}/rentals` **Get customer's movies rentals**

Parameters

Type	Name	Description	Schema
query	**limit** *optional*	Movies rental per page	integer (int32)
path	**id** *required*	Customer Id	integer (int32)
query	**page** *optional*	Current page to view	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links

GET /Customers/{id}/watched_categories Get customer watched movies categories

Parameters

Type	Name	Description	Schema
path	**id** *required*	Customer Id	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links

GET /Customers/{id}/summary Get a summary from a customer

Parameters

Type	Name	Description	Schema
path	**id** *required*	The customer Id	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET `/Films/{id}` Get a single film

Parameters

Type	Name	Description	Schema
path	**id** *required*	The id to search	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET `/Films` Get multiple films.

Parameters

Type	Name	Description	Schema
query	**p** *optional*	Current Page to search	integer (int32)
query	**Limit** *optional*	Limit of films per page	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links

GET /Films/most_rented_films Get most rented films from a date range, and limit the results

Parameters

Type	Name	Description	Schema
query	**limit** *optional*	how many films to show	integer (int32)
query	**from** *optional*	starting date	string
query	**to** *optional*	ending date	string

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
400	Bad Request *Content* **text/plain** **application/json** **text/json**	No Links

GET /Rentals/{id} Get a single rental

Parameters

Type	Name	Description	Schema
path	**id** *required*	The id to search	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /Rentals Get multiple rentals

Parameters

Type	Name	Description	Schema
query	**Page** *optional*		integer (int32)
query	**Limit** *optional*		integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links

Components

Schemas

CategoryDTO

Properties

Name	Description	Schema
id *optional*		integer (int32)

Name	Description	Schema
name *optional*	*nullable*	string

CustomerDTO

Properties

Name	Description	Schema
id *optional*		integer (int32)
first_Name *optional*	*nullable*	string
last_Name *optional*	*nullable*	string
email *optional*	*nullable*	string
active *optional*		string
streetAddress *optional*	*nullable*	string
streetAddress2 *optional*	*nullable*	string
city *optional*	*nullable*	string
country *optional*	*nullable*	string
zipcode *optional*	*nullable*	string

CustomerRentalGetDTO

Properties

Name	Description	Schema
id *optional*		integer (int32)
filmId *optional*		integer (int32)
filmTitle *optional*	*nullable*	string
filmReleaseYear *optional*	*nullable*	string
filmRentalDuration *optional*		integer (int32)
filmRentalRate *optional*		number (double)

Name	Description	Schema
rentalDate *optional*		string (date-time)
returnDate *optional*		string (date-time)

CustomerRentalsDTO

Properties

Name	Description	Schema
rentals *optional*	*nullable*	< CustomerRentalGetDTO > array
page *optional*		integer (int32)
total *optional*		integer (int32)

CustomerSummaryDTO

Properties

Name	Description	Schema
id *optional*		integer (int32)
customerName *optional*	*nullable*	string
moviesRented Total *optional*		integer (int32)
totalSpent *optional*		number (double)
mostViewedCa tegory *optional*	*nullable*	string

CustomerWatchedCategoryDTO

Properties

Name	Description	Schema
category *optional*	*nullable*	string
moviesWatche d *optional*		integer (int32)

FilmGetDTO

Properties

Name	Description	Schema
id *optional*		integer (int32)
title *optional*	*nullable*	string
description *optional*	*nullable*	string
releaseYear *optional*	*nullable*	string
rentalDuration *optional*		integer (int32)
rentalRate *optional*		number (double)
length *optional*		integer (int32)
rating *optional*	*nullable*	string
lastUpdate *optional*		string (date-time)
categories *optional*	*nullable*	< CategoryDTO > array

ProblemDetails

Properties

Name	Description	Schema
type *optional*	*nullable*	string
title *optional*	*nullable*	string
status *optional*	*nullable*	integer (int32)
detail *optional*	*nullable*	string
instance *optional*	*nullable*	string

RentalGetDTO

Properties

Name	Description	Schema
id *optional*		integer (int32)
customerId *optional*		integer (int32)

Name	Description	Schema
inventoryId *optional*		integer (int32)
filmId *optional*		integer (int32)
customerName *optional*	*nullable*	string
filmTitle *optional*	*nullable*	string
filmReleaseYear *optional*	*nullable*	string
filmRentalDuration *optional*		integer (int32)
filmRentalRate *optional*		number (double)
rentalDate *optional*		string (date-time)
returnDate *optional*		string (date-time)

RentalRentedInfoDTO

Properties

Name	Description	Schema
filmId *optional*		integer (int32)
filmTitle *optional*	*nullable*	string
rented *optional*		integer (int32)