

# ReLease API

## Overview

Server for subleasing website ReLease

## Version information

*Version* : 1.0

## URI scheme

*Host* : localhost:8080

## Security

### Auth0

Auth0 protects our endpoints

*Type* : oauth2

*Flow* : application

*Token URL* : <https://dev-nkzmwy1mucvv15xb.us.auth0.com/oauth/token>

## Paths

### Create a lease

POST /leases

### Description

post a lease

### Parameters

Type	Name	Description	Schema
Body	<b>createLeaseRequest</b> <i>required</i>	create lease	<a href="#">viewModel.CreateLease</a>

## Responses

HTTP Code	Description	Schema
201	id of created lease	integer
400	Bad Request	No Content
500	Internal Server Error	No Content

## Consumes

- `application/json`

## Produces

- `text/plain`

## Tags

- leases

## Security

Type	Name
oauth2	<a href="#">Auth0</a>

# List leases

GET /leases

## Description

get all leases

## Responses

HTTP Code	Description	Schema
200	OK	< <a href="#">viewModel.Lease</a> > array
500	Internal Server Error	No Content

## Produces

- `application/json`

## Tags

- leases

# Get paged leases

GET /leases/paged

## Description

get paged leases

## Parameters

Type	Name	Description	Schema
Body	<b>getPaginatedLeasesRequest</b> <i>required</i>	page size, column to sort on, pagination token, sort direction, filter	<a href="#">viewModel.PaginatedLeasesRequest</a>

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">viewModel.PaginatedLeasesResult</a>
400	Bad Request	No Content
500	Internal Server Error	No Content

## Tags

- leases

# Update a lease

PUT /leases/{id}

## Description

update a lease by id

## Parameters

Type	Name	Description	Schema
Path	<b>id</b> <i>required</i>	lease id	integer
Body	<b>editLeaseRequest</b> <i>required</i>	edit lease request	<a href="#">viewModel.EditLease</a>

## Responses

HTTP Code	Description	Schema
204	No Content	No Content
400	Bad Request	No Content
500	Internal Server Error	No Content

## Consumes

- [application/json](#)

## Tags

- leases

## Security

Type	Name
oauth2	<a href="#">Auth0</a>

## Delete a lease

```
DELETE /leases/{id}
```

## Description

delete a lease by id

## Parameters

Type	Name	Description	Schema
Path	<b>id</b> <i>required</i>	lease id	integer

## Responses

HTTP Code	Description	Schema
204	No Content	No Content
400	Bad Request	No Content
500	Internal Server Error	No Content

## Tags

- leases

## Security

Type	Name
oauth2	<a href="#">Auth0</a>

# Definitions

## enums.SortDirection

Type : enum (0, 1)

## viewModel.Address

Name	Schema
<b>city</b> <i>required</i>	string
<b>roomNumber</b> <i>required</i>	string
<b>state</b> <i>required</i>	string
<b>street</b> <i>required</i>	string
<b>zipCode</b> <i>required</i>	string

## viewModel.Contact

Name	Schema
<b>address</b> <i>optional</i>	<a href="#">viewModel.Address</a>
<b>email</b> <i>optional</i>	string
<b>firstName</b> <i>optional</i>	string
<b>id</b> <i>optional</i>	integer
<b>lastName</b> <i>optional</i>	string
<b>leaseID</b> <i>optional</i>	integer
<b>phoneNumber</b> <i>optional</i>	string
<b>salutation</b> <i>optional</i>	string

## viewModel.CreateLease

Name	Description	Schema
<b>address</b> <i>required</i>		<a href="#">viewModel.Address</a>
<b>amenities</b> <i>optional</i>		string
<b>appliances</b> <i>optional</i>		string
<b>baths</b> <i>optional</i>		number
<b>beds</b> <i>optional</i>		integer
<b>description</b> <i>optional</i>		string
<b>endDate</b> <i>optional</i>		string
<b>furnished</b> <i>optional</i>		boolean
<b>name</b> <i>required</i>	<b>Length : 3 - 20</b>	string

Name	Description	Schema
<b>parking</b> <i>optional</i>		boolean
<b>parkingCost</b> <i>optional</i>		number
<b>rent</b> <i>required</i>		number
<b>squareFootage</b> <i>optional</i>		integer
<b>startDate</b> <i>optional</i>		string
<b>utilities</b> <i>optional</i>		number

## viewModel.EditLease

Name	Schema
<b>address</b> <i>optional</i>	<a href="#">viewModel.Address</a>
<b>amenities</b> <i>optional</i>	string
<b>appliances</b> <i>optional</i>	string
<b>baths</b> <i>optional</i>	number
<b>beds</b> <i>optional</i>	integer
<b>description</b> <i>optional</i>	string
<b>endDate</b> <i>optional</i>	string
<b>furnished</b> <i>optional</i>	boolean
<b>id</b> <i>optional</i>	integer
<b>name</b> <i>optional</i>	string
<b>parking</b> <i>optional</i>	boolean

Name	Schema
<b>parkingCost</b> <i>optional</i>	number
<b>rent</b> <i>optional</i>	number
<b>squareFootage</b> <i>optional</i>	integer
<b>startDate</b> <i>optional</i>	string
<b>utilities</b> <i>optional</i>	number

## viewModel.Lease

Name	Schema
<b>address</b> <i>optional</i>	<a href="#">viewModel.Address</a>
<b>amenities</b> <i>optional</i>	string
<b>appliances</b> <i>optional</i>	string
<b>baths</b> <i>optional</i>	number
<b>beds</b> <i>optional</i>	integer
<b>contacts</b> <i>optional</i>	< <a href="#">viewModel.Contact</a> > array
<b>description</b> <i>optional</i>	string
<b>endDate</b> <i>optional</i>	string
<b>furnished</b> <i>optional</i>	boolean
<b>id</b> <i>optional</i>	integer
<b>name</b> <i>optional</i>	string
<b>ownerID</b> <i>optional</i>	integer



Name	Schema
<b>parking</b> <i>optional</i>	boolean
<b>parkingCost</b> <i>optional</i>	number
<b>rent</b> <i>optional</i>	number
<b>squareFootage</b> <i>optional</i>	integer
<b>startDate</b> <i>optional</i>	string
<b>totalCost</b> <i>optional</i>	number
<b>utilities</b> <i>optional</i>	number

## viewModel.PaginatedLeasesRequest

Name	Schema
<b>filter</b> <i>optional</i>	string
<b>pageSize</b> <i>optional</i>	integer
<b>paginationToken</b> <i>optional</i>	string
<b>sortDirection</b> <i>optional</i>	<a href="#">enums.SortDirection</a>
<b>sortToken</b> <i>optional</i>	string

## viewModel.PaginatedLeasesResult

Name	Schema
<b>count</b> <i>optional</i>	integer
<b>leases</b> <i>optional</i>	< <a href="#">viewModel.Lease</a> > array
<b>paginationToken</b> <i>optional</i>	string