

# Lescatit API

## Overview

Provides to crawl and categorize URL addresses.

## Version information

*Version* : 0.1.0

## Contact information

*Contact Email* : [lescatit@gmail.com](mailto:lescatit@gmail.com)

## License information

*License* : MIT

*License URL* : <https://github.com/mtnmunuklu/Lescatit/blob/main/LICENSE>

*Terms of service* : null

## URI scheme

*Host* : lescatit.com

*Schemes* : HTTPS

## Tags

- auth : Authentication api
- cat : Categorization api
- catze : Categorizer api
- crawl : Crawler api

## Security

### api\_key

*Type* : apiKey

*Name* : Authorization

*In* : HEADER

# Paths

## Performs update the category

POST /api/category

### Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Category update object	<a href="#">UpdateCategory</a>

### Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">Category</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

### Produces

- [application/json](#)

### Tags

- cat

### Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs return the category by url

GET /api/category

## Parameters

Type	Name	Description	Schema
Header	<b>url</b> <i>required</i>	URL adress	string

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">Category</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- [application/json](#)

## Tags

- cat

## Security

Type	Name
apiKey	<a href="#">api_key</a>

# Performs update the classification model

POST /api/cmodel

## Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Classification model generation object	<a href="#">UpdateCModel</a>

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">Classifier</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- `application/json`

## Tags

- catze

## Security

Type	Name
apiKey	<a href="#">api_key</a>

# Performs return the classification model

```
GET /api/cmodel
```

## Parameters

Type	Name	Description	Schema
Header	<b>name</b> <i>required</i>	Classification model name	string

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">Classifier</a>
400	Bad request	<a href="#">Error</a>

HTTP Code	Description	Schema
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- [application/json](#)

## Tags

- catze

## Security

Type	Name
apiKey	<a href="#">api_key</a>

# Performs generate a classification model

PUT /api/cmodel

## Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Classification model generation object	<a href="#">GenerateCModel</a>

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">Classifier</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- [application/json](#)

## Tags

- catze

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs delete the classification model

```
DELETE /api/cmodel
```

## Parameters

Type	Name	Description	Schema
Header	<b>name</b> <i>required</i>	Classification model	string

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">DeleteCModel</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- [application/json](#)

## Tags

- catze

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs delete the classification models

DELETE /api/cmodels

### Parameters

Type	Name	Description	Schema
Header	<b>names</b> <i>required</i>	Classification models separated with virgul	string

### Responses

HTTP Code	Description	Schema
200	Ok	< <a href="#">DeleteCModel</a> > array
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

### Produces

- [application/json](#)

### Tags

- catze

### Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs the user login process

POST /api/signin

### Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Signin object	<a href="#">SignIn</a>

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">SignInResponse</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- `application/json`

## Tags

- auth

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs the user registration process

PUT /api/signup

## Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Signup object	<a href="#">SignUp</a>

## Responses



HTTP Code	Description	Schema
201	Created	<a href="#">User</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- [application/json](#)

## Tags

- auth

# Performs add the url

```
PUT /api/url
```

## Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Url adding object	<a href="#">AddURL</a>

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">Category</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- [application/json](#)

## Tags

- cat

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs delete the url

```
DELETE /api/url
```

## Parameters

Type	Name	Description	Schema
Header	<b>name</b> <i>required</i>	Url adress	string

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">DeleteURLResponse</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- [application/json](#)

## Tags

- cat

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs categorize the url

POST /api/url\_catze

### Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Url categorize object	<a href="#">CategorizeURL</a>

### Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">CategorizeURLResponse</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

### Produces

- [application/json](#)

### Tags

- catze

### Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs crawl the url

POST /api/url\_crawl

## Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Url crawl object	<a href="#">CrawlURL</a>

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">CrawlURLResponse</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- [application/json](#)

## Tags

- [crawl](#)

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs getting the content in the url address

GET /api/url\_data

## Parameters

Type	Name	Description	Schema
Header	<b>url</b> <i>required</i>	URL address	string

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">GetURLDataResponse</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- [application/json](#)

## Tags

- [crawl](#)

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs reporting miscategorized urls

POST /api/url\_report

## Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	MisCategorization report object	<a href="#">ReportMisCategorization</a>

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">Category</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- [application/json](#)

## Tags

- cat

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs list the urls

GET /api/urls

## Parameters

Type	Name	Description	Schema
Header	<b>categories</b> <i>required</i>	Categories separated with virgul	string

## Responses

HTTP Code	Description	Schema
200	Ok	< <a href="#">Category</a> > array
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- `application/json`

## Tags

- cat

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs delete the urls.

DELETE /api/urls

## Parameters

Type	Name	Description	Schema
Header	<b>urls</b> <i>required</i>	Url addresses separated with virgul	string

## Responses

HTTP Code	Description	Schema
200	Ok	< <a href="#">DeleteURLResponse</a> > array
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- `application/json`

## Tags

- cat

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs categorize the urls

POST /api/urls\_catze

### Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Urls categorize object	<a href="#">CategorizeURLs</a>

### Responses

HTTP Code	Description	Schema
200	Ok	< <a href="#">CategorizeURLResponse</a> > array
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

### Produces

- [application/json](#)

### Tags

- catze

## Security

Type	Name
apiKey	<a href="#">api_key</a>



## Performs crawl the urls

POST /api/urls\_crawl

### Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Urls crawl object	<a href="#">CrawlURLs</a>

### Responses

HTTP Code	Description	Schema
200	Ok	< <a href="#">CrawlURLResponse</a> > array
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

### Produces

- [application/json](#)

### Tags

- crawl

### Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs getting the content in the url addresses

GET /api/urls\_data

## Parameters

Type	Name	Description	Schema
Header	<b>urls</b> <i>required</i>	URL addresses separated with virgul	string

## Responses

HTTP Code	Description	Schema
200	Ok	< <a href="#">GetURLDataResponse</a> > array
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- [application/json](#)

## Tags

- [crawl](#)

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs return the user by email

GET /api/user

## Parameters

Type	Name	Description	Schema
Header	<b>Email</b> <i>required</i>	Email address	string

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">User</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- [application/json](#)

## Tags

- auth

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs delete the user

DELETE /api/user

## Parameters

Type	Name	Description	Schema
Header	<b>Email</b> <i>required</i>	Email address	string

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">DeleteUserResponse</a>
400	Bad request	<a href="#">Error</a>

HTTP Code	Description	Schema
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- [application/json](#)

## Tags

- [auth](#)

## Security

Type	Name
apiKey	<a href="#">api_key</a>

# Performs change the user role

PATCH /api/user

## Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	User role change object	<a href="#">ChangeUserRole</a>

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">User</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- [application/json](#)

## Tags

- `auth`

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs update the user email

POST /api/user\_eu

## Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	User email update object	<a href="#">UpdateUserEmail</a>

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">User</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- `application/json`

## Tags

- `auth`

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs update the user name

POST /api/user\_nu

### Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	User name update object	<a href="#">UpdateUserName</a>

### Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">User</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

### Produces

- [application/json](#)

### Tags

- auth

### Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs update the user password

POST /api/user\_pu

### Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	User password update object	<a href="#">UpdateUserPassword</a>

## Responses

HTTP Code	Description	Schema
200	Ok	<a href="#">User</a>
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- `application/json`

## Tags

- auth

## Security

Type	Name
apiKey	<a href="#">api_key</a>

## Performs listing all users

GET /api/users

## Responses

HTTP Code	Description	Schema
200	Ok	< <a href="#">User</a> > array
400	Bad request	<a href="#">Error</a>
422	Unprocessable entity	<a href="#">Error</a>

## Produces

- `application/json`

## Tags

- auth

## Security

Type	Name
apiKey	<a href="#">api_key</a>

# Definitions

## AddURL

Name	Schema
<b>cmodel</b> <i>optional</i>	string
<b>url</b> <i>optional</i>	string

## CategorizeURL

Name	Schema
<b>data</b> <i>optional</i>	string
<b>model</b> <i>optional</i>	string
<b>url</b> <i>optional</i>	string

## CategorizeURLResponse



Name	Schema
<b>category</b> <i>optional</i>	string
<b>url</b> <i>optional</i>	string

## CategorizeURLs

Name	Schema
<b>urls</b> <i>optional</i>	< <a href="#">CategorizeURL</a> > array

## Category

Name	Schema
<b>category</b> <i>optional</i>	string
<b>created</b> <i>optional</i>	integer (int64)
<b>data</b> <i>optional</i>	string
<b>id</b> <i>optional</i>	string
<b>revision</b> <i>optional</i>	string
<b>updated</b> <i>optional</i>	integer (int64)
<b>url</b> <i>optional</i>	string

## ChangeUserRole

Name	Schema
<b>email</b> <i>optional</i>	string
<b>role</b> <i>optional</i>	string

## Classifier

Name	Schema
<b>category</b> <i>optional</i>	string
<b>created</b> <i>optional</i>	integer (int64)
<b>data</b> <i>optional</i>	string
<b>id</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>revision</b> <i>optional</i>	string
<b>updated</b> <i>optional</i>	integer (int64)

## Crawl

Name	Schema
<b>allowedDomains</b> <i>optional</i>	< string > array
<b>disallowedDomains</b> <i>optional</i>	< string > array

Name	Schema
<b>disallowedUrlFilters</b> <i>optional</i>	< string > array
<b>maxBodySize</b> <i>optional</i>	integer (int64)
<b>maxDepth</b> <i>optional</i>	integer (int64)
<b>robotsTxt</b> <i>optional</i>	boolean
<b>urlFilters</b> <i>optional</i>	< string > array
<b>urlRevisit</b> <i>optional</i>	boolean
<b>userAgent</b> <i>optional</i>	string

## CrawlURL

Name	Schema
<b>crawlRequest</b> <i>optional</i>	<a href="#">Crawl</a>
<b>url</b> <i>optional</i>	string

## CrawlURLResponse

Name	Schema
<b>links</b> <i>optional</i>	< string > array
<b>url</b> <i>optional</i>	string

## CrawlURLs

Name	Schema
<b>crawlRequest</b> <i>optional</i>	<a href="#">Crawl</a>
<b>urls</b> <i>optional</i>	< string > array

## DeleteCModel

Name	Schema
<b>name</b> <i>optional</i>	string

## DeleteURLResponse

Name	Schema
<b>name</b> <i>optional</i>	string

## DeleteUserResponse

Name	Schema
<b>email</b> <i>optional</i>	string

## Error

Name	Schema
<b>error</b> <i>optional</i>	string

## GenerateCModel

Name	Schema
<b>Model</b> <i>optional</i>	< <a href="#">Model</a> > array
<b>category</b> <i>optional</i>	string

## Model

Name	Schema
<b>class</b> <i>optional</i>	string
<b>data</b> <i>optional</i>	string

## GetURLDataResponse

Name	Schema
<b>data</b> <i>optional</i>	string
<b>status</b> <i>optional</i>	string
<b>url</b> <i>optional</i>	string

## ReportMisCategorization

Name	Schema
<b>cmodel</b> <i>optional</i>	string
<b>url</b> <i>optional</i>	string

## SignIn

Name	Schema
<b>email</b> <i>optional</i>	string
<b>password</b> <i>optional</i>	string

## SignInResponse

Name	Schema
<b>token</b> <i>optional</i>	string
<b>user</b> <i>optional</i>	<a href="#">User</a>

## SignUp

Name	Schema
<b>email</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>password</b> <i>optional</i>	string

## UpdateCModel

Name	Schema
<b>category</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string

## UpdateCategory

Name	Schema
<b>category</b> <i>optional</i>	string
<b>url</b> <i>optional</i>	string

## UpdateUserEmail

Name	Schema
<b>email</b> <i>optional</i>	string
<b>newEmail</b> <i>optional</i>	string
<b>password</b> <i>optional</i>	string

## UpdateUserName

Name	Schema
<b>email</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>password</b> <i>optional</i>	string

## UpdateUserPassword

Name	Schema
<b>email</b> <i>optional</i>	string
<b>newPassword</b> <i>optional</i>	string

Name	Schema
<b>password</b> <i>optional</i>	string

## User

Name	Schema
<b>created</b> <i>optional</i>	integer (int64)
<b>email</b> <i>optional</i>	string
<b>id</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>role</b> <i>optional</i>	string
<b>updated</b> <i>optional</i>	integer (int64)