

Package: ORTSC (via r-universe)

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Title Connects to Google Cloud API for Label Detection

Version 1.0.0

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Description Connects to Google cloud vision
<<https://cloud.google.com/vision>> to perform label detection
and repurpose this feature for image classification.

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Imports utils , stats, googleAuthR, googleCloudVisionR

URL <https://github.com/MohmedSoudy/ORTSC>

BugReports <https://github.com/MohmedSoudy/ORTSC/issues>

Repository <https://mohmedsoudy.r-universe.dev>

RemoteUrl <https://github.com/mohmedsoudy/ortsc>

RemoteRef HEAD

RemoteSha b398a5fc14558fcfe48622dcf333e20fb91554de

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authenticate *Connects to Google Cloud API for user-authentication*

Description

This function can be used to authenticate users

Usage

```
authenticate(googleAuthR.client_id, googleAuthR.client_secret)
```

Arguments

googleAuthR.client_id
 Client id provided by Google API cloud service
googleAuthR.client_secret
 Client secret provided by Google API cloud service

Value

a vector of objects

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ClassLogic *Indoor and Outdoor class weights*

Description

A dataset containing the objects and its In-door and Out-door weights. The variables are as follows:

Usage

```
data(ClassLogic)
```

Format

A data frame with 20 rows and 3 variables

Details

- Object. object name
- Class. class of data (Indoor, Outdoor)
- Weight. Classification weight (0–1)

GetLabels	<i>Connects to Google Cloud API label detection and perform multiple object detection</i>
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Description

This function can be used to classify image based on objects detected

Usage

```
GetLabels(ImagePaths)
```

Arguments

ImagePaths vector of complete image's paths

Value

a vector of objects

Author(s)

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