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ACCELERATION



IL PRIMO ACCELERATORE DI CONOSCENZE NEL TUO SMARTPHONE

COMPITO 3

LAMBDA FUNCTION

IMPLEMENTO LAMBDA FUNCTION "Get_Watch_Next_by_Id"

```
const connect_to_db = require('./db');

// GET BY TALK HANDLER

const talk = require('./Talk');

module.exports.get_related_talks = (event, context, callback) => {
  context.callbackWaitsForEmptyEventLoop = false;
  console.log('Received event:', JSON.stringify(event, null, 2));
  let body = {}
  if (event.body) {
    body = JSON.parse(event.body)
  }
  // set default
  if(!body.id) {
    callback(null, {
      statusCode: 500,
      headers: { 'Content-Type': 'text/plain' },
      body: 'Could not fetch the talks. Tag is null.'
    })
  }

  if (!body.doc_per_page) {
    body.doc_per_page = 10
  }
  if (!body.page) {
    body.page = 1
  }

  connect_to_db().then(() => {
    console.log('=> get_all talks');
    talk.find({ id_related: body.id }, { id_related_list: 1, title_related_list: 1 })
      .then(talks => {
        if (!talks) {
          throw new Error('Talk not found');
        }
        callback(null, {
          statusCode: 200,
          body: JSON.stringify(talks)
        })
      })
      .catch(err => {
        callback(null, {
          statusCode: err.statusCode || 500,
          headers: { 'Content-Type': 'text/plain' },
          body: 'Could not fetch the talks.'
        })
      })
  });
};
```

Dopo aver ricevuto l'evento, la funzione si connette al database, esegue una query sui "talks" correlati e restituisce i risultati in formato JSON

CHIAMATA API

```
1 {
2   ... "tag": "design", "page": 10, "doc_per_page": 1
3 }
```

body Cookies Headers (7) Test Results Status: 200 OK Time: 3.96 s Size: 1.38 KB Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_related": "507225",
3   "slug": "maira_kalman_how_to_find_humor_in_life_s_absurdity",
4   "speakers": "Maira Kalman",
5   "title": "How to find humor in life's absurdity",
6   "url": "https://talkstar-photos.s3.amazonaws.com/uploads/e848c1a1-afc8-424f-b8b2-3a858abec561/MairaKalman_2023W-embed.jpg",
7   "description": "With levity and profound insight, artist Maira Kalman reflects on life, death, dinner parties, not knowing the right answers, the joys of eating a hot dog from a street vendor and more. This talk, interwoven with her delightful paintings, is itself an artwork that seems to hold the entirety of life in all its absurd glory.",
8   "duration": "868",
9   "publishedAt": "2023-12-06T15:55:27Z",
10  "id_related_list": [
11    "119218",
12    "110687",
13    "117866",
14    "1169",
15    "1747",
16    "831"
17  ],
18  "title_related_list": [
19    "Photographing nature beyond the limits of human perception",
20    "The timeless, ancient language of art",
21    "The Encyclopedia of Invisibility - a home for lost stories",
22    "How I became 100 artists",
23    "Embrace the shake",
24    "How art gives shape to cultural change"
25  ],
26  "tags": [
27    "design",
28    "creativity",
29    "art",
30    "storytelling",
31    "humanity"
32  ]
}
```

Dopo aver ricevuto l'evento, la funzione si connette al database, esegue una query sui "talks" correlati e restituisce i risultati in formato JSON

RISULTATO DB

```
_id: ObjectId('66476f25aea9eb6e2dc77766')  
tag: "glaciers"  
tag_count: 12  
▼ videos: Array (12)  
  ▼ 0: Object  
    video_id: "356201"  
    video_title: "On time and water"
```