MapReduce-System (37)

Fabian Kleinrad (07), 5BHIF

March 2022

Contents

1   Introduction

In this project the technology MapReduce is being simulated. Thereby a simple system has been developed to imitate a the functionality of an MapReduce application. The communication is based on the TCP protocol and realized using the C++ library asio[1]

2   MapReduce

3   Class-diagram

3.1   Classes

4   Implementation

5   Usage

5.1   Command Line Arguments

5.1.1   Configuration

---

[1] *asio C++ Library*. URL: https://think-async.com/Asio/ (visited on 03/30/2022).

6 Project Structure

References

[1] *asio C++ Library*. URL: https://think-async.com/Asio/ (visited on 03/30/2022).