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Large Lab Exercise

Seminar Cloud Computing (IN4392)

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Abstract

1 Introduction

2 Application

The application which we build is a web-based image manipulator which supports basic operations on the given image(s) such as crop, border, frame, trim, chop, draw, annotate, resize, scale, magnify, etc. A sequence of operations on the same image can be specified in a single request. We use the ImageMagick[1] application for the aforementioned operations and wrap it with a thin NodeJS[2] web server.

3 System Design

3.1 Resource Management Architecture

3.2 System Policies

3.3 Additional System Features [OPTIONAL]

4 Experimental Results

4.1 Experimental Setup

4.2 Experiments

1. *Charged-time:*
2. *Charged-cost:*

3. *Service metrics of the experiment:*
4. *Usage metrics of the experiment (OPTIONAL):*

5 Conclusion

References

- [1] Imagemagick.
- [2] Nodejs.

Appendix A: Time Sheets

[TODO: Restructure this section onto a table]

Project:

1. *Total time:*
2. *Think time:*
3. *Dev time:*
4. *XP time:*
5. *Analysis time:*
6. *Write time:*
7. *Wasted time:*

Per Experiment:

1. *Total time:*
2. *Dev time:*
3. *Setup time:*