Technical Report

# iZENElib Data Compression

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**Abstract**

This is a report for the sub project data compression in *iZENElib*. Project data compression focuses on the search of large dictionaries if the data contained can be compressed.

# Contents

# 1 Objectives

TODO

# Appendix

# A  Schedule

| Milestone | Start | End | In Charge | Description | Status |
|---|---|---|---|---|---|
| 1 Read the existing tr of *iZENElib* | 2009-03-05 | 2009-03-05 | Ian | Read tr to understand the objectives of *iZENElib* and the architecture, interface conventions, and *etc.* | Finished |
| 2 Go though existing source codes of *iZENElib* | 2009-03-06 | 2009-03-06 | Ian | Go though codes to get familiar with the coding style and the layout of the whole project. | Finished |
| 3 Requirements Analysis | 2009-03-09 | 2009-03-10 | Ian | Background research and confirm the objectives and outcomes of this project. | Finished |
| 4 Research | 2009-03-11 | 2009-03-13 | Ian | Survey existing solutions, papers as reference and have a brainstorm. | Ongoing |
| 5 Design | 2009-03-16 | 2009-03-18 | Ian | Architecture design. Detailed design for core components. Describe the design in TR. | Not Started |
| 6 Implementation | 2009-03-19 | 2009-03-20 | Ian | Implement all functionalities. | Not Started |
| 7 Test | 2009-03-23 | 2009-03-25 | Ian | Unit test and integrated test. | Not Started |
| 8 Report | 2009-03-26 | 2009-03-27 | Ian | Make conclusion and refine TR. | Not Started |

Table A.1: *iZENElib* Data Compression Schedule