

Code Quality Metrics

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Figure 1: Third Way, xkcd

ABSTRACT

The aim of this project is to develop a static analysis tool that has the ability to be used in teaching, industry and personal settings. Using a combination of syntactical and complexity measures to provide metrics on the quality of code. The node.js application will be able to be run via the command line or via a graphical interface to make determining code quality easier.

1 INTRODUCTION

Code quality can be subjective, each person and organisation will have differing needs and wants when it comes to the quality of their code. But there are a many well defined areas that are as universal as can be.

```
test test 1234 aaa bbbb
```

1.1 Secondary Part

This is **another** part of my *introduction*.

- (1) This is the first item
- (2) This is the second item

This is another line of text that will go here

- List entries start with the `\item` command.
- Individual entries are indicated with a black dot, a so-called bullet.
- The text in the entries may be of any length.

| Colour | Score | Rating |
|--------|-------|--------|
| Red | 5 | B+ |
| Green | 8 | A |

2 BACKGROUND

ACKNOWLEDGMENTS

To Robert, for the bagels and explaining CMYK and color spaces.

REFERENCES

A FIRST APPENDIX SECTION

Your first appendix will go here