1 Abstract

Explains briefly the paper and what it does. 1 page

2 Introduction

Introduce the scope. Explaining the existing code and what it does and why. 2 pages

- Event-based scheduling as a concept
- General `MEOW_BASE` structure:
  - Monitors check if patterns are triggered
    - Patterns are triggered by an event. Currently only file event triggers are implemented.
  - Handlers perform recipes
    - Recipes are actions that are taken when triggered. python code can be run as a recipe.
  - The conductor handles the job queue of rules
    - Rules combine patterns and recipes (When this pattern is triggered, perform this recipe).

3 Problem

Something about the MEOW monitor, and expanding it. Probably also why it would be a good idea(?). 2 pages

- What network events are
  - REST APIs
- Why `MEOW` needs it

4 Background

? 2 pages

5 Method

Explaining the code I wrote and why I made those choices. 2 pages

- **How granular should this part be?**

6 Results

Does it work? How well? 2 pages

7 Discussion

With the hindsight of the results, what could I have done better? 2 pages

8 Future Work

What should someone do if they want to fix my mistakes, or expand on them further. 2 pages

9 Conclusion

Did I succeed in what I wanted to do? 2 pages