

Introduction

Background

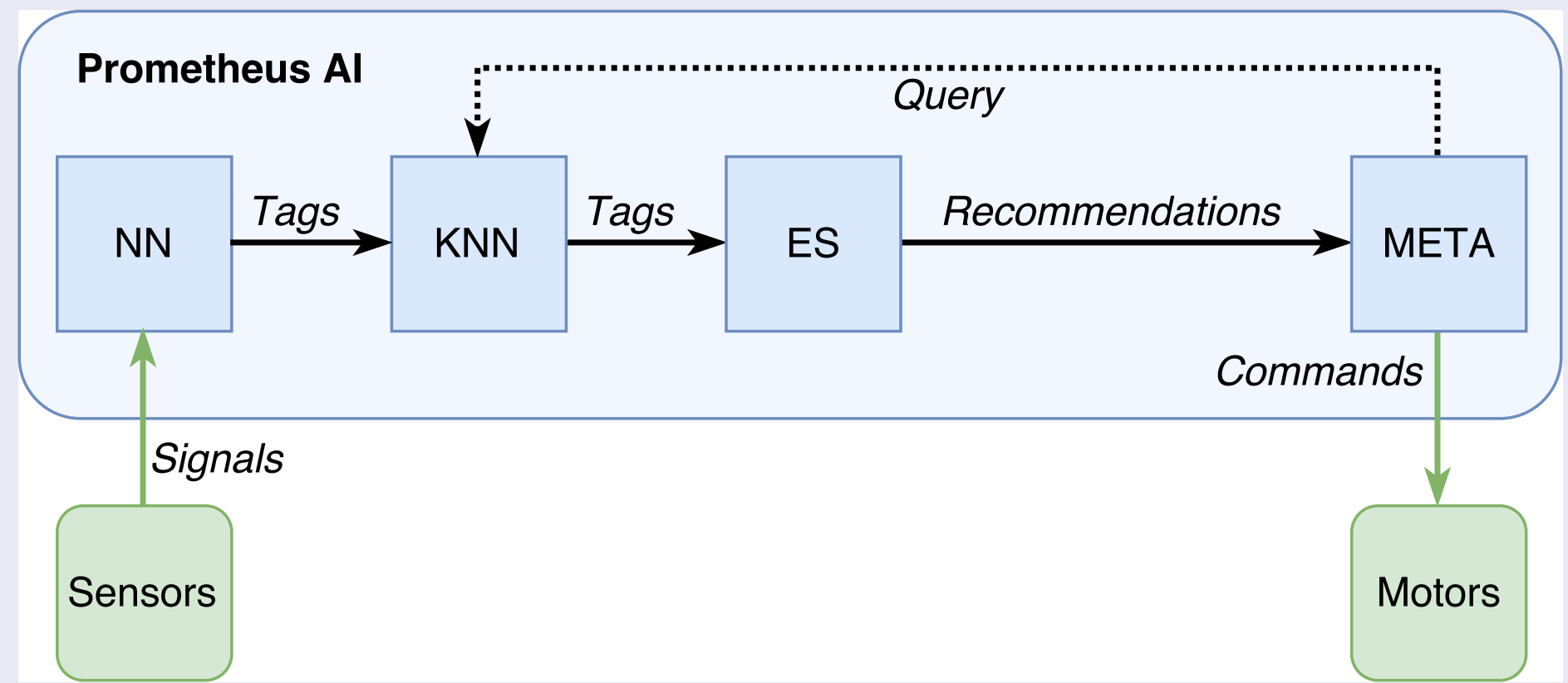


Figure 1: Prometheus AI model with labeled input and output.

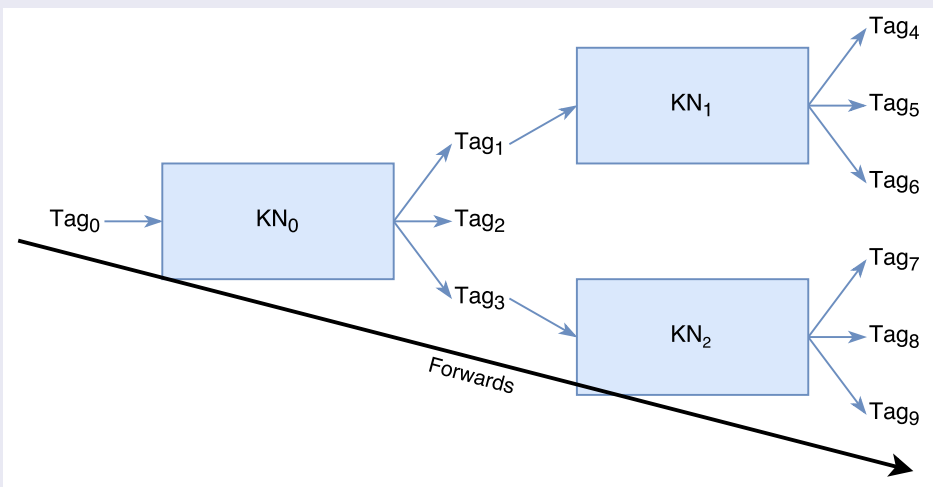


Figure 2: Thinking forwards in the KNN.

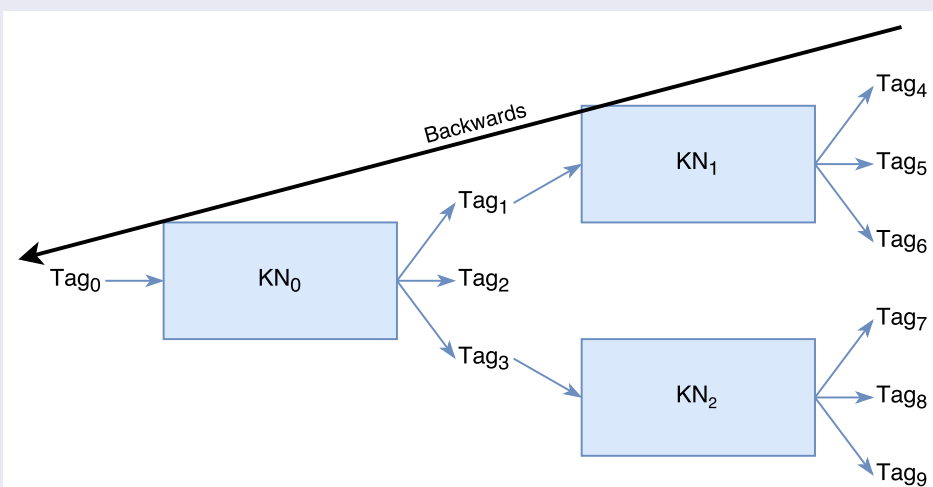


Figure 3: Thinking backwards in the KNN.

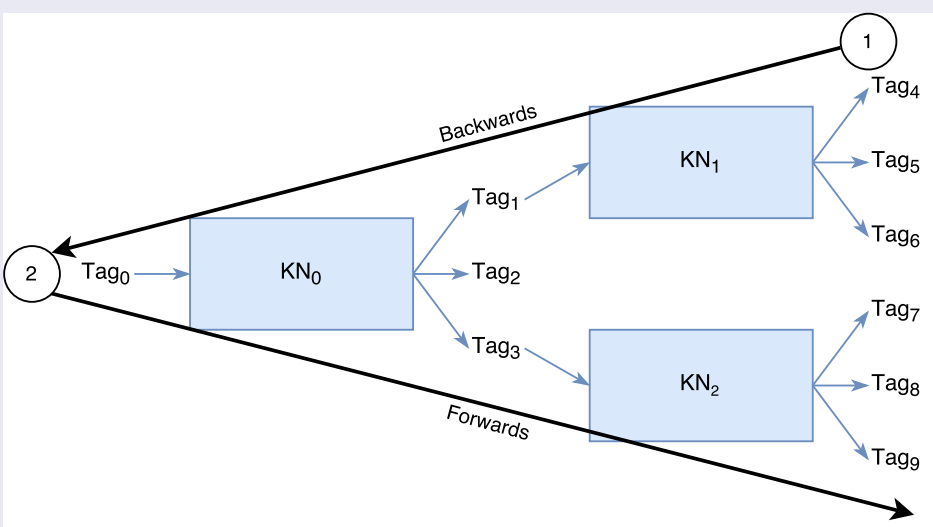


Figure 4: Lambda thinking in the KNN.

Problem

Design

Implementation

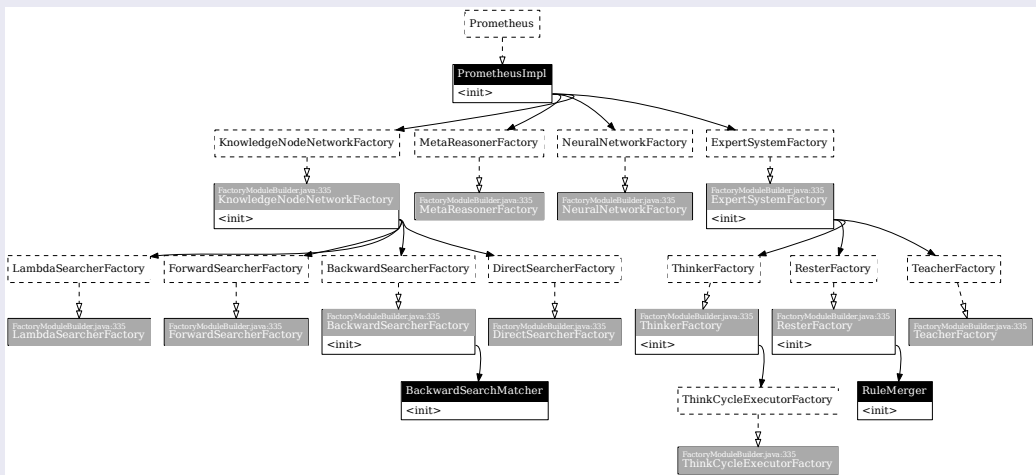


Figure 5: Guice dependency graph.

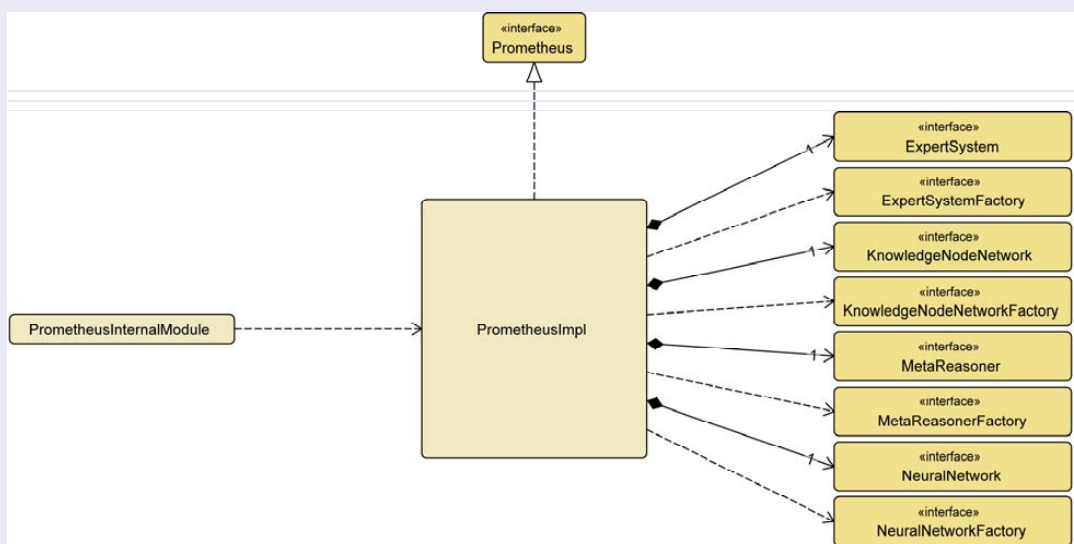


Figure 6: Prometheus package.

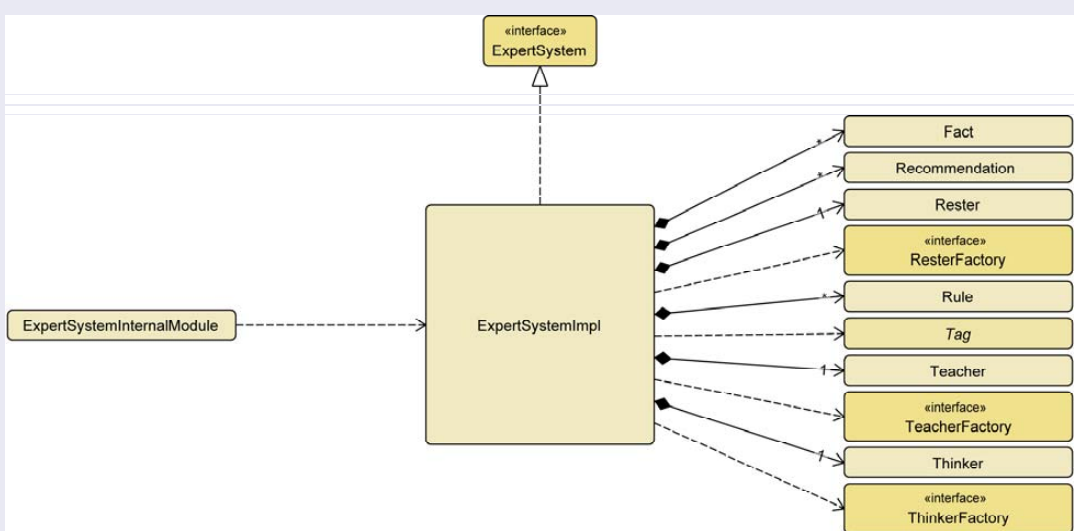


Figure 7: ES package.

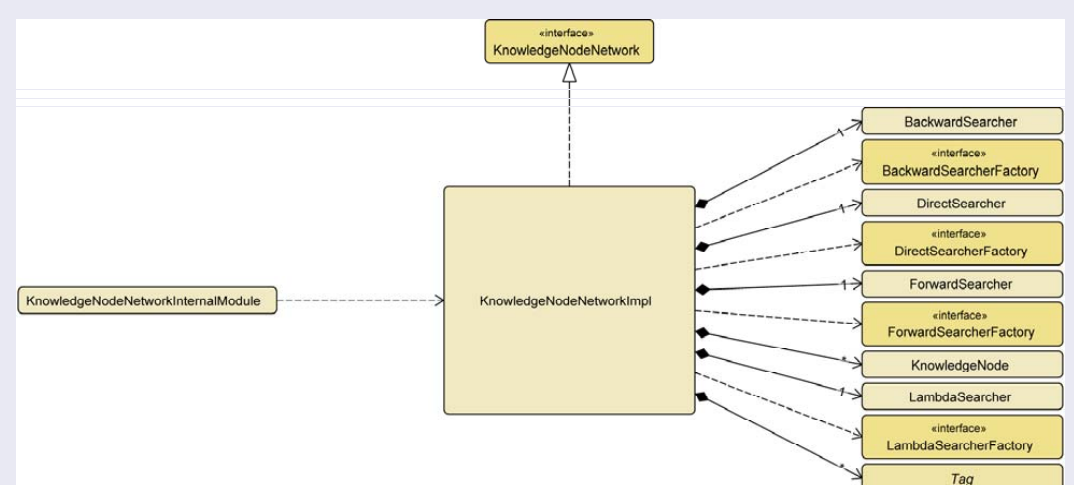


Figure 8: KNN package.

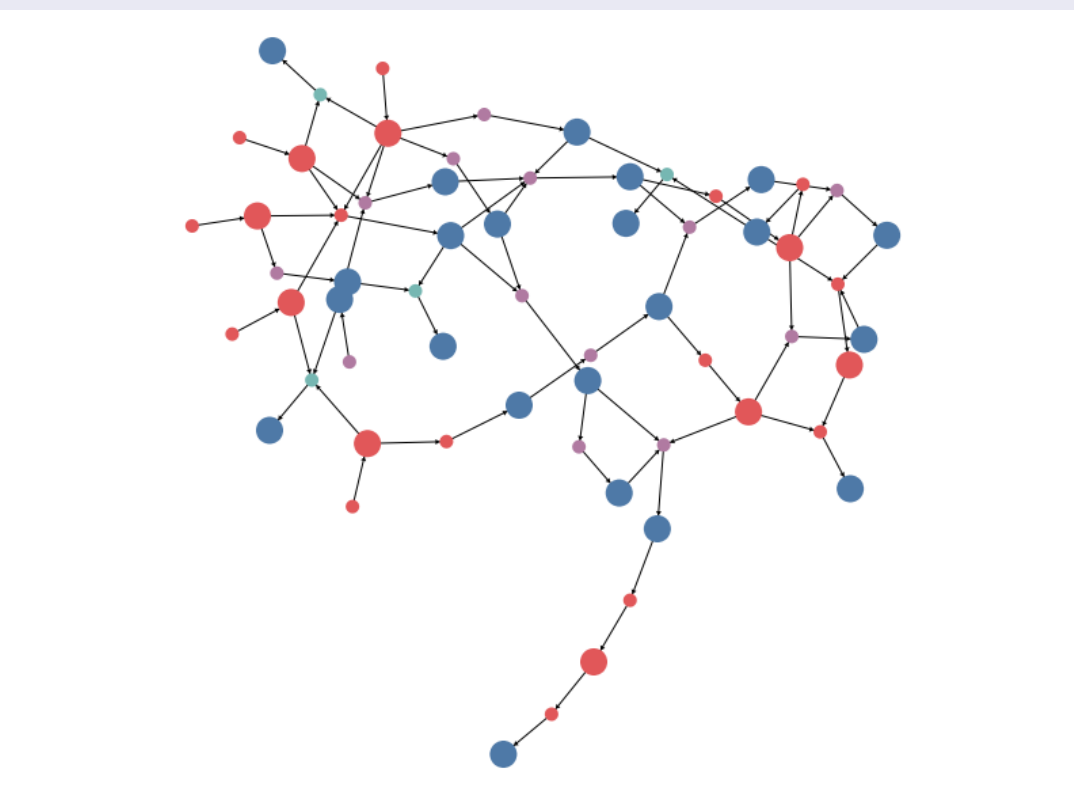


Figure 9: Visualization of the KNN.

Results & Tests

- Unit tests
- Integration tests
- TestNG and TravisCI

Conclusion