

# Kraken

## Project Overview

# Research and Analysis

- Problem definition
- Existing solutions
- Requirements gathering
- Differentiating features

# Modelling and Design

- Initial design
  - Architectural model
  - APIs
- Refinement
  1. Find flaws
  2. Remodel
  3. Iterate

# Planning

- Scope
- Project management
- Development process
- Release process

# Implementation

- Bottom-up approach
- Testing
- Tooling
- Reusability

# Problems

- Avoiding reconciliation loops
- Achieving idempotence
- Validation and Type Safety