Kibo-RPC 2025

K34-iTron

Outline

1. Code Structure
2. Image Pipeline
3. Challenges & Solutions
4. Simulation Result

Code Structure

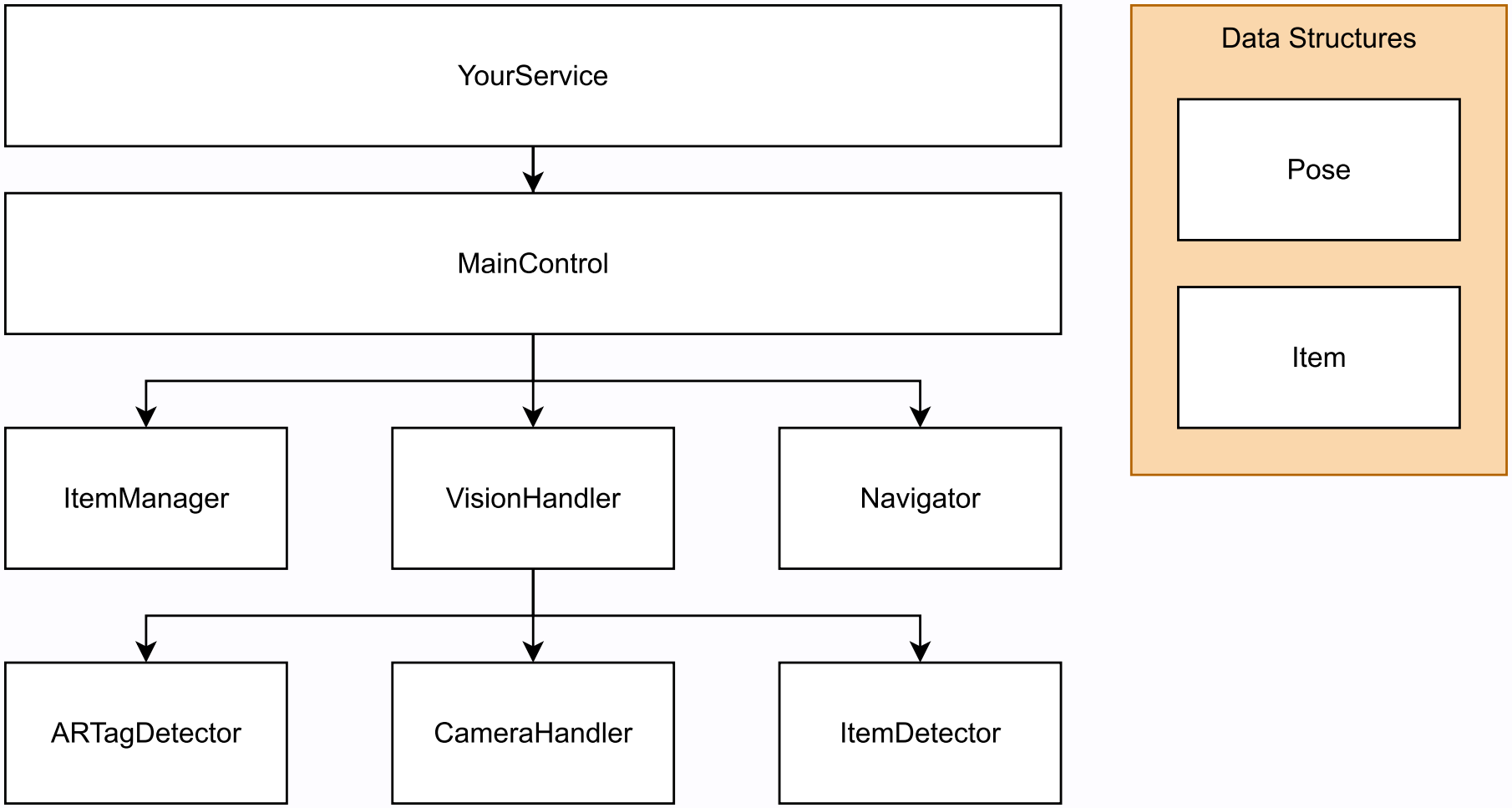
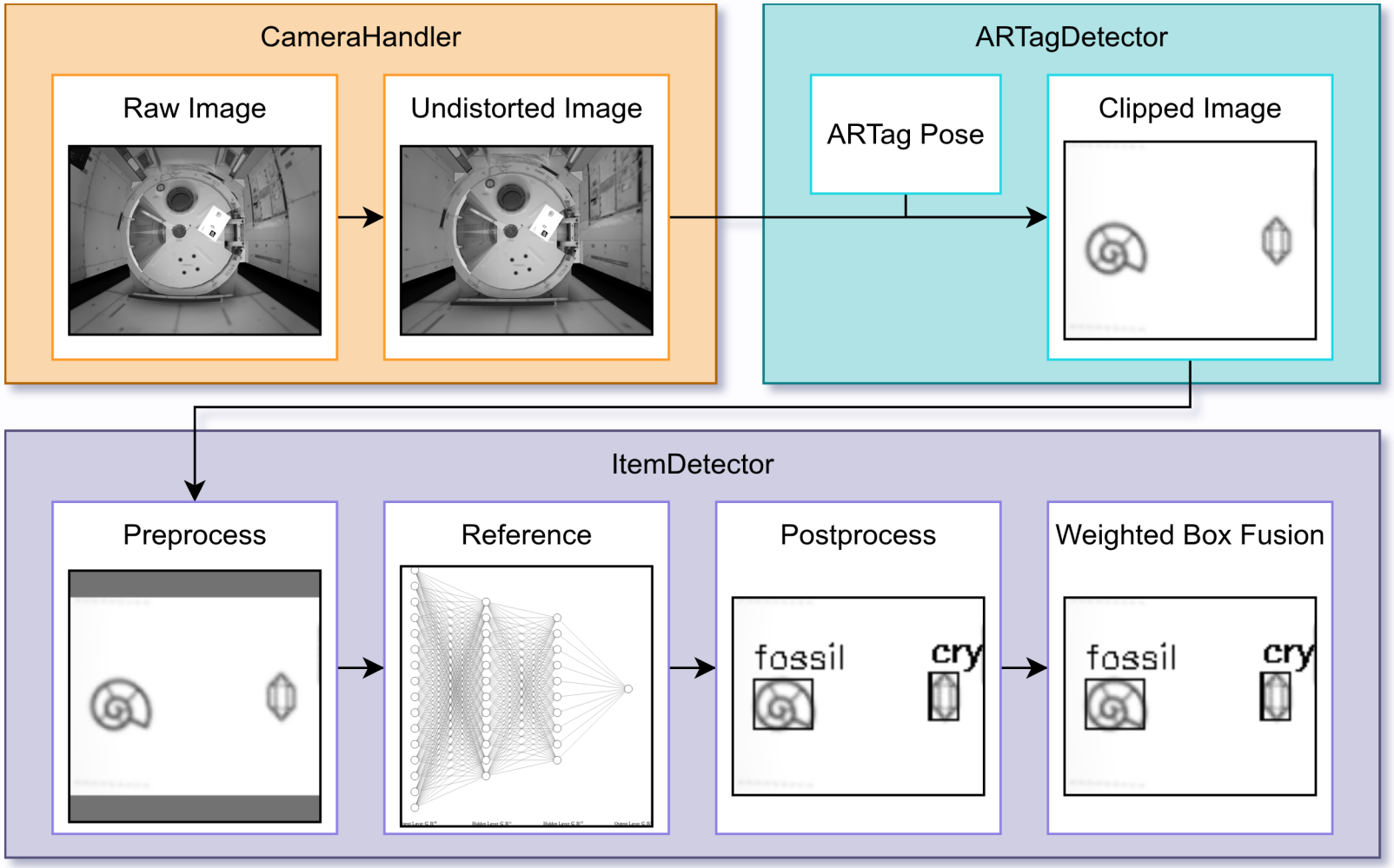


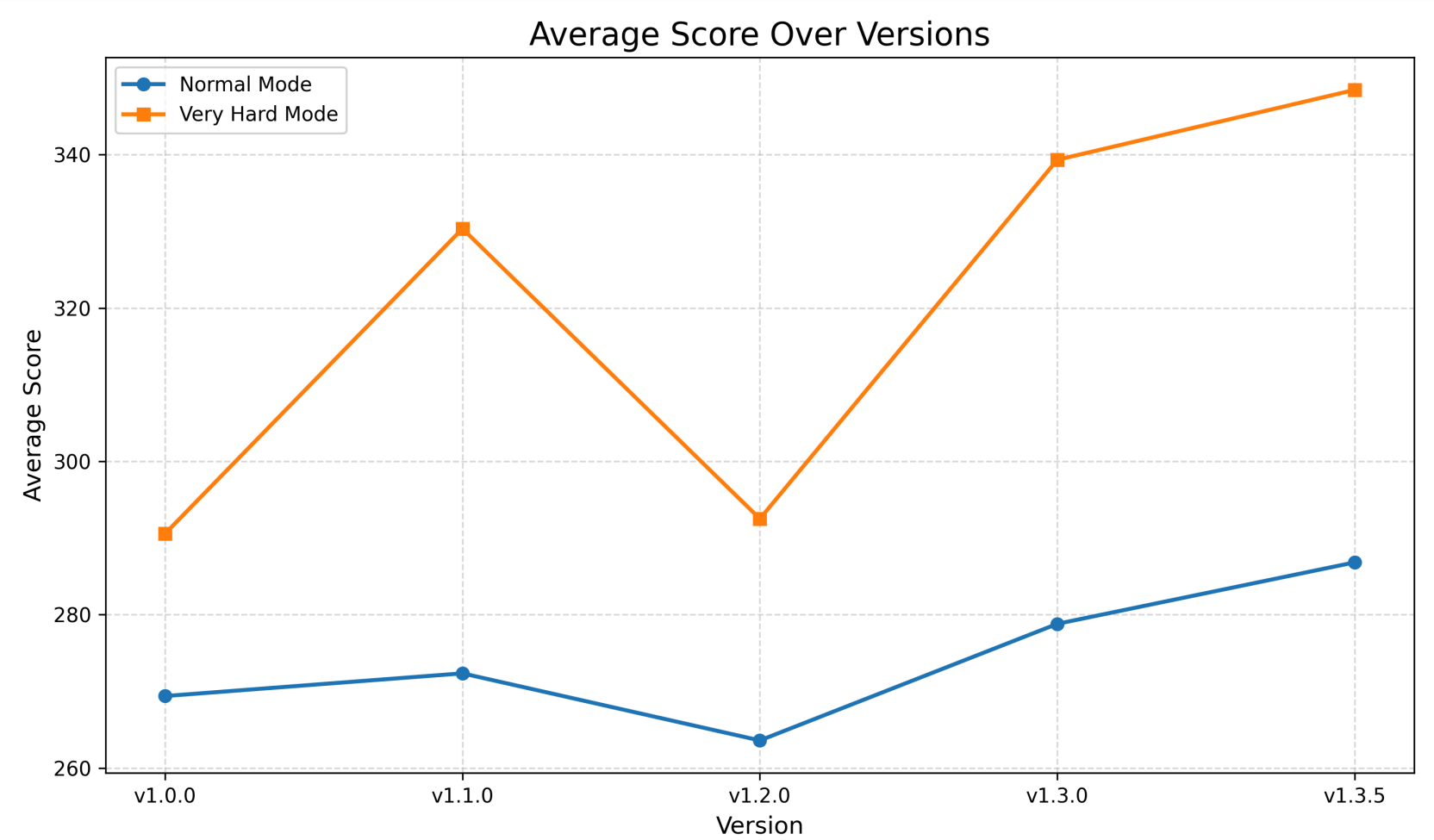
Image Pipeline



Challenges and Solution

Challenge	Solution
Programming Mannual has no detail about class `KiboRpcService`	Decompile code using android studio
Fail simulation doesn't provide log	Test and record reasons of failure for future reference
Training is slow on laptop	Use remote GPU and transfer the image format to webp to decrease the dataset size
Confuse `fossil` with `coin` on initial model	Add multiple dataset generation strategies

Simulation Result



Thank you for listening!