

# Introduction to Software Dev Notes

Marie Burer

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# 1 Overview

Tools:

- Warp
- Eclipse
- Git

What is Warp?

- Existing code base
  - Not huge, but bigger than other class projects
  - Useful because it reflects real world, you won't join a team and write code from scratch
- Written by Professor Goddard for a research project called WARP
  - Initially written in Swift, then rewritten in Java for the course
  - Primary purpose is to develop programs for network communication in wireless sensor networks

Why Warp?

- Get used to reading and modifying others' codes
- Learn to refactor code

- Rich opportunity to add:
  - documentation
  - pre- and post-conditions
  - testing
  - new features
- Learn from Professor Goddard's experiences and mistakes.