

Manual Out-of-Tree Patch Code Migration Experiment

You are invited to participate in a research experiment to study the workflow and effort involved in manual out-of-tree patch code migration across software versions. Please read this document carefully before agreeing to participate.

1. Purpose

This experiment aims to collect data on the time, challenges, and strategies employed by developers during manual cross-version code migration tasks.

2. Procedures

- You will perform manual out-of-tree patch code migration tasks on provided codebases across specified version increments.
- All work will be completed on provided machines in a controlled laboratory environment.
- Your workflow, time spent, and intermediate outputs will be recorded for analysis.

3. Duration

- 3 weeks total.
- 5 days per week (Monday–Friday).
- 8 hours per day during normal working hours (e.g., 9:00 AM – 5:00 PM).

4. Compensation

- \$100 USD per day, paid in full upon completion of the experiment.
- Pro-rated compensation will be provided if you withdraw early.

5. Risks and Discomforts

- No anticipated physical, psychological, or emotional risks.
- Tasks resemble normal software maintenance work and require standard developer focus.

6. Confidentiality

- Your identity and personal data will be anonymized in all publications/reports.
- Raw data (e.g., code, timestamps) will be stored securely and used solely for research purposes.

7. Voluntary Participation

- Participation is voluntary.
- You may withdraw at any time without penalty or loss of benefits.

Participant's Statement of Agreement

By signing below, I confirm that:

1. I understand the purpose, procedures, and requirements of this experiment.
2. I voluntarily agree to participate.
3. I may withdraw at any time without consequence.

Participant Signature: _____

Name (Printed): _____

Date: _____

Investigator Signature: _____

Date: _____