
Recruiting Participant Organisations Now

A two-stage research project with the opportunity for detailed reports on software development in your organisation, as well as an optional workshop.

Who are we looking for?

- Organisations of various sizes engaging in software development.
- Are willing to let researchers pseudonymously research how security ‘works’ in their organisations.
- Would like to know more about how their software developers practice security.

What are we researching?

We are interested in the day-to-day practices of software developers and how this affects security.

To do this, we are approaching this research from the perspective of the software developer as well as the various environments, tools, and other artefacts they engage with.

**Stage 1: Day-To-Day Activities of Individual Developers (~Two Months)**

This first stage attempts to gain an initial glimpse at individual software developers’ practices as a ‘snapshot’ into their day-to-day activities across a variety of organisations to build up the ‘big picture’. Up to 3 hours of ‘intensity’ per participant.

**Stage 2: Everyday Practices across the Software Development Lifecycle (~Four Months +)**

A longer-term engagement to delve into practices identified in Stage 1 to understand at greater depth the activities of multiple software developers over time, preferably over a software development lifecycle. Up to 7 hours of ‘intensity’ per participant (including Stage 1).

What would we do?

For each stage we have a different emphasis:

In **Stage 1**, we will conduct an ‘entry’ interview to gain insight on individual developers and perform some simple observation. *If not continuing to Stage 2,* we will also conduct an ‘exit’ interview to reflect on those observations.

In **Stage 2,** we will develop on what we found in Stage 1 with more observations, as well as more in-depth ‘shadowing’ of developers, that will conclude with an ‘exit’ interview, and a workshop for the software developers on security practice if you wish to do so.

What do you receive in return?

Each organisation will receive a general report with an opportunity for extra material through:

- An Appendix or;
- A detailed, tailored Report.

To ensure confidentiality and for more robust research results, organisations that commit ≥5 participants in stage 1 will receive an **appendix** of no more than 2 pages. If participating in both Stages 1 and 2, there will be a **detailed report** on the organisation.

All reports will be received by no later than 31 July 2020.

Interested?

We would like to speak with you, and we can discuss how this research can fit into your organisation’s software development. If you have any questions or want to find out more, please contact Andrew Dwyer at andrew.dwyer@bristol.ac.uk

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