

17-708: Software Product Lines

Project Presentation and Writeup

In the project, you will explore a product-line topic in more depth and present the results to the rest of the class.

Presentation

You will have 8 minutes to present the project to the class. Communicate the context, problem, and key results of the project. Draw explicit connections to topics in the lecture where appropriate. The time limit is enforced. For effective communication, you may want to prepare slides. Be aware that short presentations are more difficult than long ones. You will not be able to present all material from the project, but you will have to make a choice what to focus on; that choice can be based on your personal interests. Explore one or two issues in some depth instead of covering many aspects of the project. Provide sufficient context information that the key issues understandable for your target audience. Your primary target audience is your fellow students.

During the presentations next week, we will hand out feedback sheets and expect that every student is able to identify at least one key lesson and is able to ask one question. We will have a few minutes for questions after each presentation.

Writeup

Summarize your project in a report, preferably in the form of a short workshop paper (title, abstract, introduction, ...). The report should introduce context, problem, and necessary background to a general software engineering audience – in contrast to the presentation, do not assume that the reader has taken the product line course. In addition, it should present and discuss the project's results and think about potential future work. For more research-oriented topics, I suggest also discussing related work.

You are free to choose a format; for example, you might want to use the ACM or IEEE formats for conference publications. Technically there are no length expectations or restrictions, but I would suggest aiming for something shorter than half the length of the typical conference papers we read this semester (say 4 pages ACM format).

Deliverables

Independently of whether you will present with your own laptop, send me your slides as PDF at least one hour before class on Wednesday Dec 9.

Send me your report as PDF before Friday Dec 20.

To clarify expectations, here is the feedback sheet that everybody will use in class.

708 Project - Feedback Sheet

Presenter:

Your name:

Name a key lesson learned from this presentation:

State one question regarding the context, the research question, or the results:

Suggest one thing how the presenters can best improve their communication
(please be honest and constructive, we do not use this for grading the presenters):