Reflection of this course   A8-2021112845

During this two weeks of open source software development learning, which provided us with an opportunity to experience and participate in large-scale software development and explore areas that we often hear about in the course of normal learning, but have never been deeply understood.

Useful Lessons

First of all, we delved into the fundamentals of the open-source community, which encompassed its culture, the concept of forking, and the importance of giving credit where it's due. Subsequently, we learned about the essence of contributing to open-source projects and how to navigate new projects effectively, putting this knowledge into practical use. Step by step, we engaged in the development process of a project, starting from selecting a suitable project to opening an issue and eventually submitting pull requests. Afterward, we delved into the intricacies of Git, a widely used code management tool, and mastered the actions of project development management on GitHub. Finally, we ventured into the history of open source, studied open-source licenses, and examined the aspect of governance in open-source communities.

My Own Feeling

We also studied the case of the Linux Kernel and the stories of two open-source contributors, which serve as excellent examples of understanding the spirit of open source. Cooperation, creativity, patience, and persistence are some of the key qualities demonstrated by these contributors.

What's more, being involved in the open-source project development process step by step has taught me invaluable lessons. Firstly, hands-on practice has significantly deepened my understanding of open source. Within an open-source community, like-minded partners collaborate to refine and enhance large and complex projects, creating products that elevate the standard of people's lives.

Secondly, participating in the development of open-source projects does not necessarily require an advanced level of programming ability. Contributing can be as simple as fixing a bug or maintaining project documentation, or as ambitious as adding new features to the project. As long as we are willing to participate, we can always find our place, make a difference.

It is a pity that our group can't seem to completely solve the issue we chose, but I do believe that is very cool to find a project that we are truly passionate about and continue to participate in its development process. Although the beginning was not smooth, I will continue to work hard in the following study, combining the experiences and insights from this journey and actively participate in the contribution to the open source projects.