Learning aims

Work out the solution approach for the selected issue of your OSS project and get in touch with the project's community to discuss it.

Task 4-1: Solution Approach for Issue

The aim of this task is to develop a solution approach for the issue of the OSS project you selected in Task 3–2.

1. Develop a solution approach (no coding, yet) for the issue from Task 3–2. Remember that most of the time there are different ways to implement something. Here are some things to consider:
   • *Gain a deep understanding of the actual problem.* Otherwise your solution proposal might be too naive and not fully acknowledged by the community.
   • *Inform yourself about the project’s overall goal or roadmap.* Otherwise your idea might turn out as simply not applicable.
   • *Become familiar with the project’s API.* Otherwise your idea might turn out as not feasible.
   • *Become familiar with the project’s testing framework.* Otherwise your idea might end up being too hard to test.

2. Put your considerations regarding the above points as well as your solution approach on your project Wiki page in the KVV.

Task 4-2: Discuss Solution Approach with Community

The aim of this task is to present your solution approach to the community of your OSS project and get input from the members concerning your aspired solution approach to increase the chance of getting reviews and getting your solution into the project later.

1. Send your solution approach to the community of your OSS project.
   Formulate your solution approach and your considerations in an email and send it to the appropriate mailing list for the project in order to discuss your approach with the community.
   Hint: *You will have a considerably higher chance of acceptance for your patch if you communicate constructively with the community and adapt their form of communication. Think first, then post.*

2. Put your email with your solution approach on your project Wiki page in the KVV. Be prepared to present your email and community’s replies (if any) in the tutorial.