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Summary:

- Trying to set up the tool
- Getting familiar with the tool's GUI
- Getting familiar with Python and Perl API programming
- Analyzing some projects using Understand command-line programming

Some Details:

First, I tried to implement the Understand v. 5.1.1018x64 on Ubuntu 14, there are some problems in the "systemd" folder of Ubuntu versions before v.18, and they do not provide some required files for Understand API programming. Then, I switched to Ubuntu version 18. As I do not have a license, when I was working with UND (command line programming of Understand), I was forced to reinstall the tool several times. Also, I ran several provided sample projects in the tool using GUI to get familiar with the Understand. Based on my experience, it was the first time that a tool is more compatible with Windows than Linux.

Finally, I set up the tool on Windows and after some required cracking, I started working with Perl API programming, but the tool's license was not stable. I switched to Python API programming and the understand library was not accessible from Pycharm tool, and it should be used by Anaconda. There is another challenge that the Understand Python library can be used on Linux.☺

In this step, I returned to the UND and tried lots of commands and tutorials, and I was able to analyze some projects. The results are reported.

Achievements:

- Understand is more compatible with Windows.
- According to reports, Perl API programming in comparison to Python API programming sounds more promising.
- For Python, it looks more compatible with Anaconda on Linux.