

Report Number:	3	
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Date:	03.19.2020	03.27.2020
<p>Summary:</p> <ul style="list-style-type: none"> • Making a custom report <p>Some Details:</p> <p>According to the previous report, I tried to use embedded functions in Understand Python API programming. As it was our Plan A, I tried my best to implement it. “The Python API will let you access all the same information we used to make the und reports, but you can't modify the reports themselves. For example, you can access the metrics using the metrics class in the Python API.” Understand’s support team said. I wrote some samples of these APIs, which are available in the SCA GitHub repository first python API programming. I had a restricted time to get familiar with all functions, and two days were not enough for me to make a structured report as we planned. Then I switched to Plan B, and crawl the reports. In the first step, I separately crawl complexity metrics based on different granularities from the method to file. Secondly, a dependency analysis report is prepared.</p> <p>Hints:</p> <ul style="list-style-type: none"> • In this step, reports seem to have promising results, but I need to debug the code with more projects to check its validity. If you find any inconsistencies, please let me know. 		