IUT Meeting Notes

Date: 2016.5.26

Time: 4.30pm~6.30pm

Attendants: Baiyan Huang, Jing Li, Ziyi Lin, Feiyue Yu, Weizhao Yuan(Over the phone)

**Coverage**

1. Try to run test cases in one execution. It is very slow to start one process to run one test case and start again one process to run another test case.

2. Parallelizing the gcov method makes it faster.

3. It's hard to deal with dependencies when using AspectC++. Write the reasons in documentation.

4. C++ filter can turn the function names of gcov's output into a more readable version.

5. The binary file may has functions that does not appear in source code such as default constructor. What is the policy?

6. If we cannot improve the speed of gcov method to an acceptable level, it is an alternative to instrument logging code into source.

**Diff**

7. If the header files are changed, it is necessary to compare the files that include them.

8. We should choose a time to compare files. Before or after pre-processing(include headers, macro substitution)?

9. What is 'ProblemNode' in CDT? When does it appear? Is there any limitation of CDT method?

10. Make a list of special cases other than function level modification.

11. If the macro definition in header files are changed, we should detect the differences of files that depend on them.

**Other**

12. It seems that the project are behind schedule. We had better pay more attention to it and communicate more not only in SJTU but also with Morgan. Make sure we are all clear about the requirements.

13. Do not forget the problem of optimizing the workflow.

Thank Ziyi for recording the notes. Thank Feiyue for translating and compiling them.