<<6/2>>會議記錄

會議日期	2014/6/2
時間	22:00~24:00
地點	Skype
主持人	蔡宗翰
記錄者	吳佳倫
目的	討論 Project

參與者

姓名	E-mail	角色
蔡宗翰	b99902066@ntu.edu.tw	組長
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吳佳倫	bingo4508@gmail.com	組員

會議議程

1. **Discuss project.**
2. **Discuss process' pros and cons.**

會議討論議題

5/27 16:20~18:00 @ 德田館 R440

1. **Review project**

   We identified some works required to be finished before next meeting including redesign class diagram (with or without patterns) and refining system requirement according to current class diagram.

   To make GUI implementation easier, we decided to assign works of dialog design to each member who was in charge of different system components so that our design could be more close to the flow path how clients invoke some functions of our application.

2. **Discuss WBS schedule**

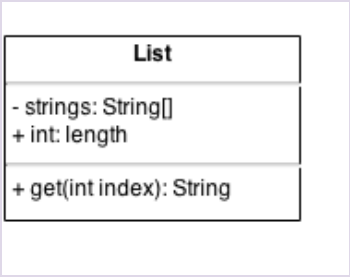
We reviewed our WBS and found out the necessity of providing a new schedule due to the some changes on work assignment comparing with our original one and delay on our old schedule. The detailed discussion would be continued in the next meeting.

5/29 18:30~22:00 @ 德田館 R439

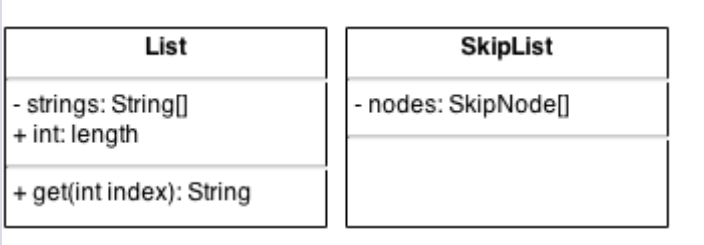
1. **Discuss Homework**
   - **HW1**

- **A List data structure is implemented with a String array which can contain a series of String objects.**

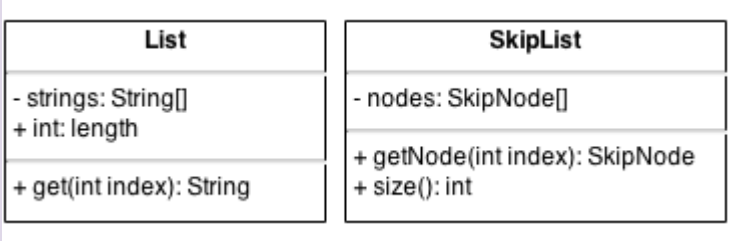
- **We can acces List by calling the get() method with an index, and know how many Strings inside the List with a public attribute: length.**



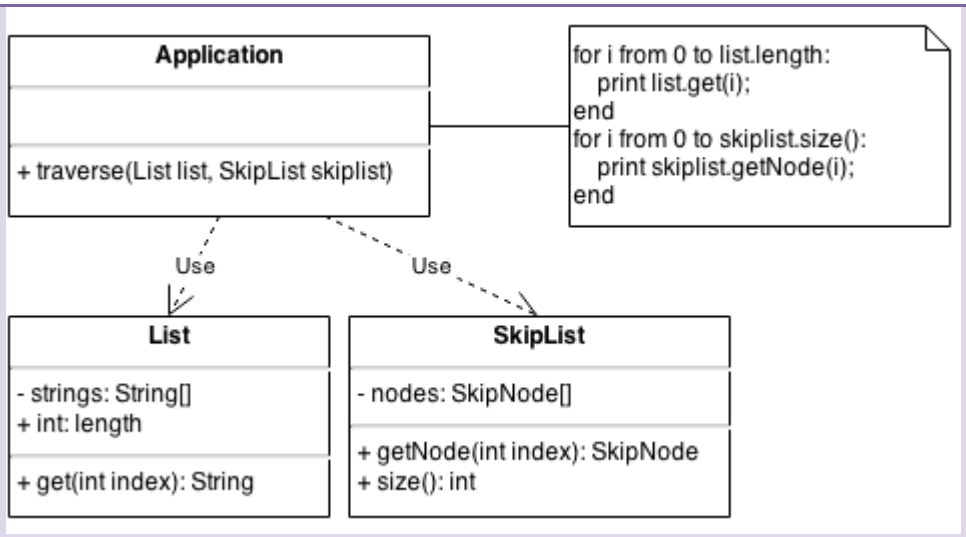
- **Furthermore, another data structure called SkipList which consists of a series of SkipNodes.**



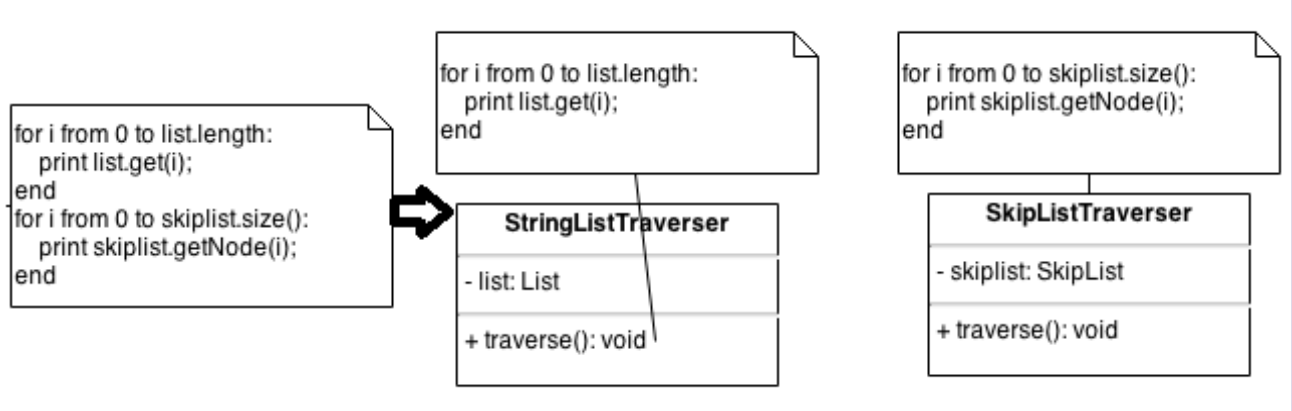
- **Each SkipNode can be accessed by invoking the getNode() method in SkipList with an index. And we have the idea about the size of SkipList with its size() method.**



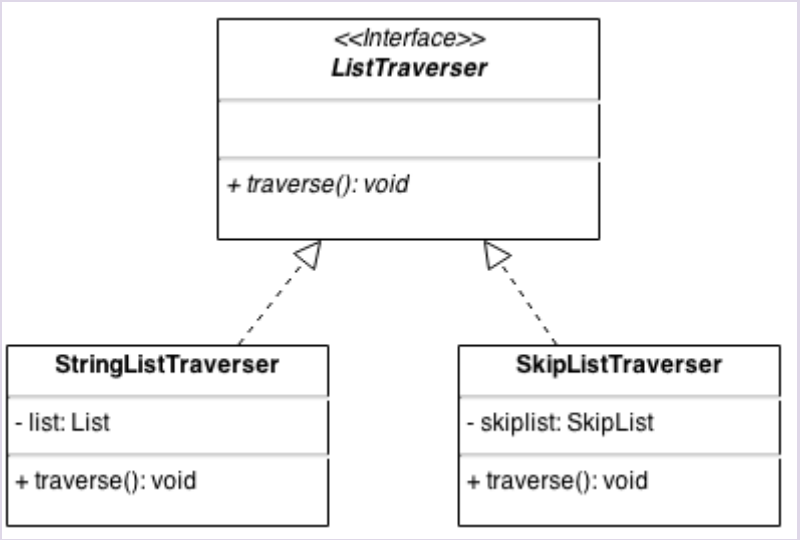
- **Now we have to traverse both List and SkipList to print out those object items in the two different data structures for some purpose.**



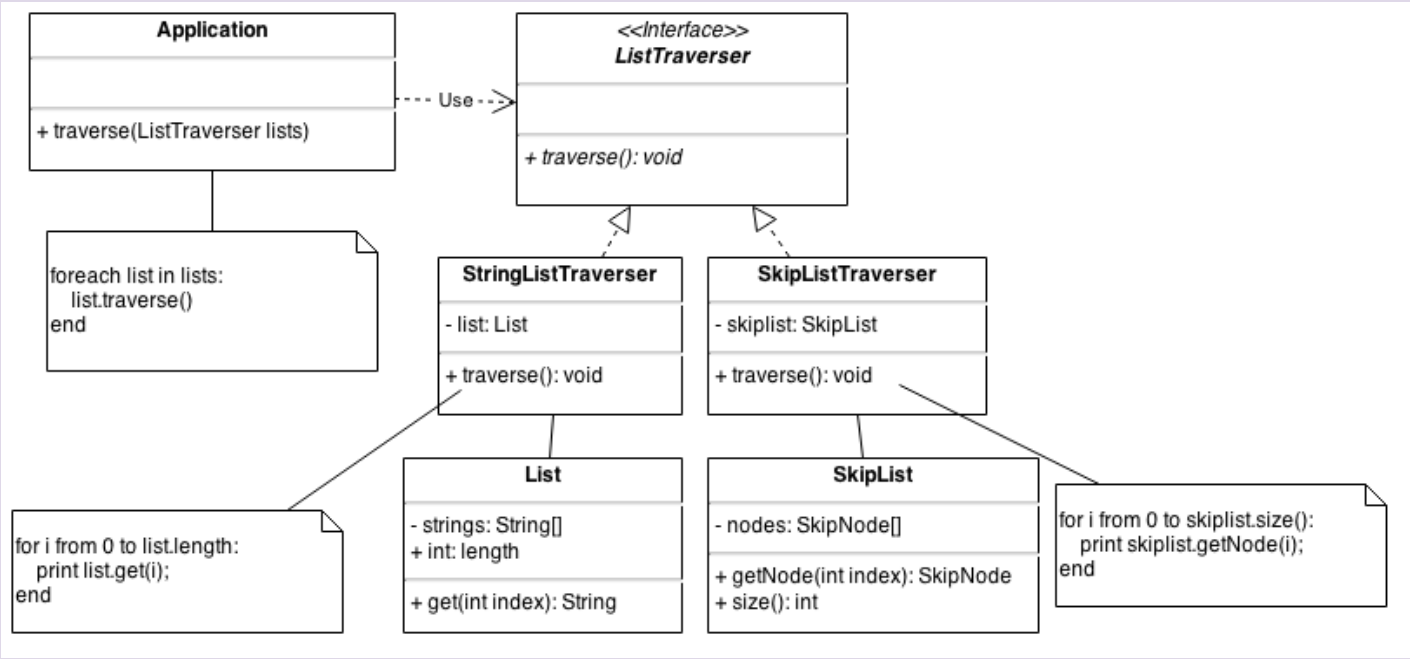
- **Issue:**
  - **If there's new kind of list, we need to modify traverse.**
  - **We need to know how to print different objects in lists.**
- **Redesign**
  - **Encapsulate What Varies.**



  - **Abstract Common Behaviors**

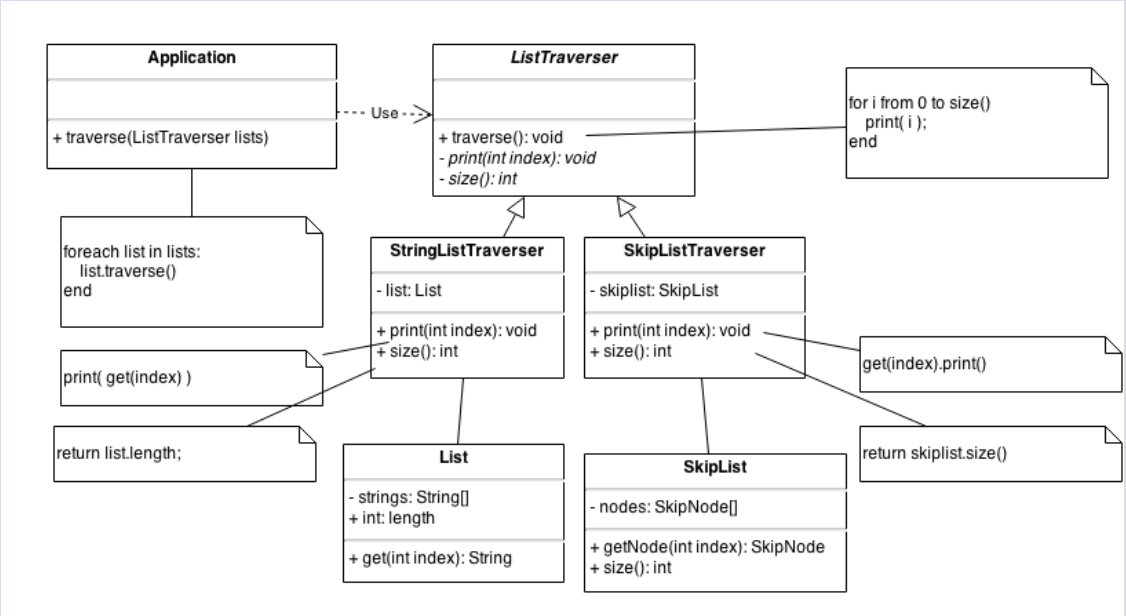


  - **Compose or Delegate Abstract Behaviors**



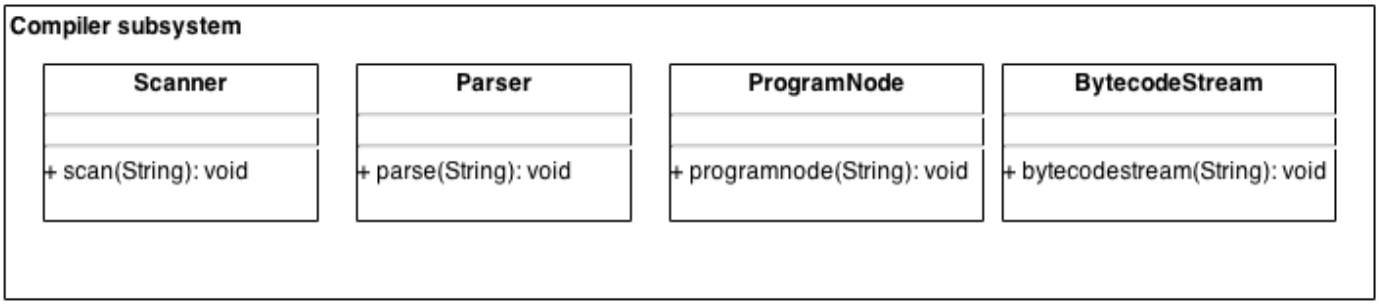
- **Looks like "Strategy Pattern"**

- **Another Version**

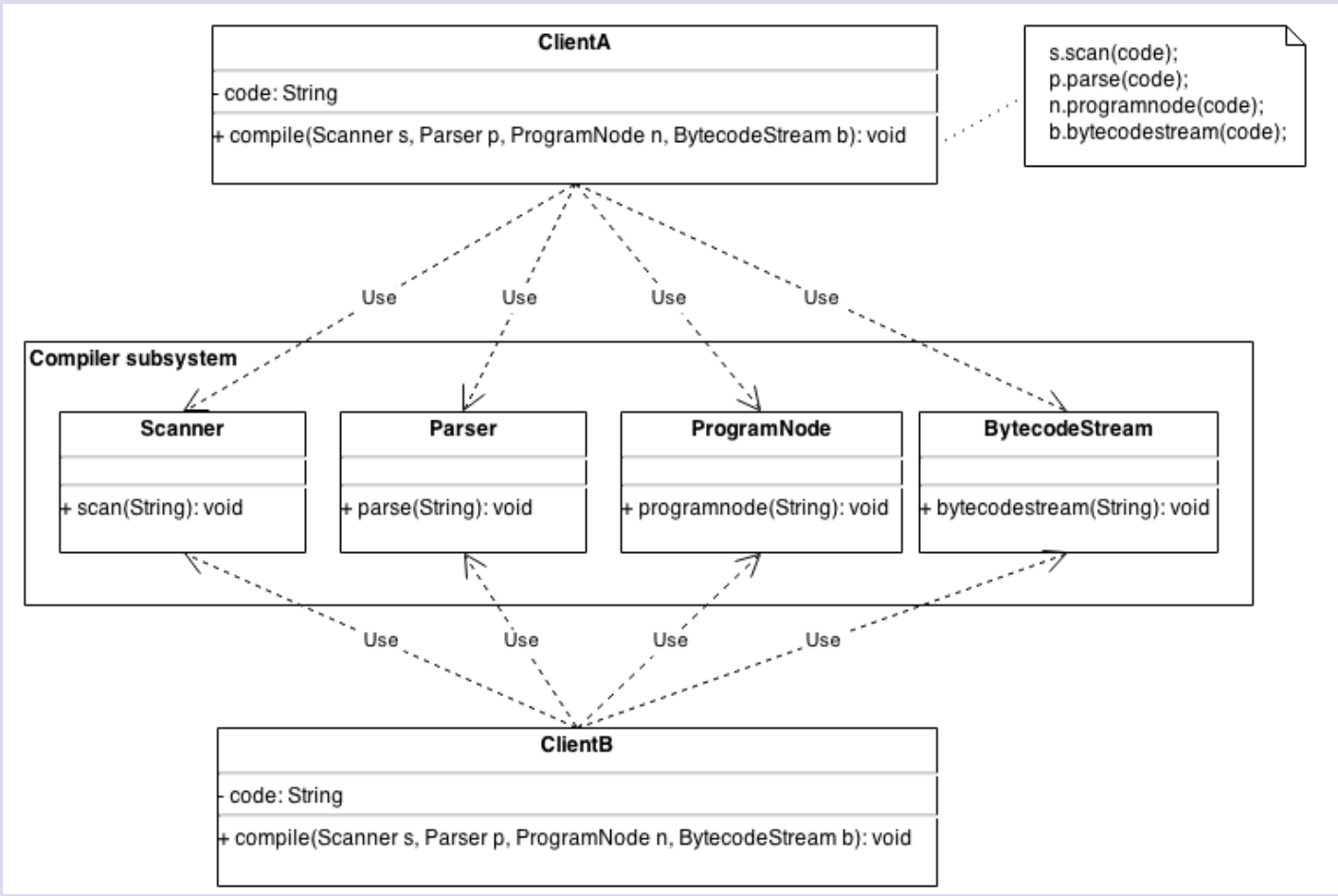


- **HW2**

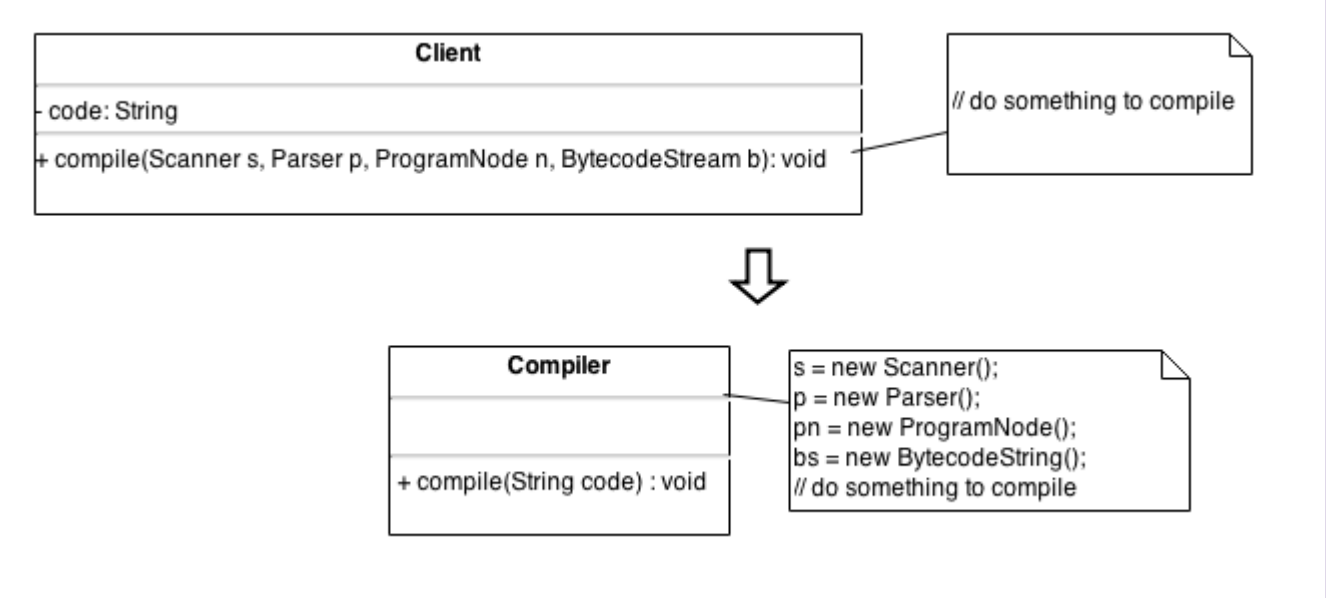
- **A compiler subsystem contains classes such as Scanner, Parser, ProgramNode, and BytecodeStream.**



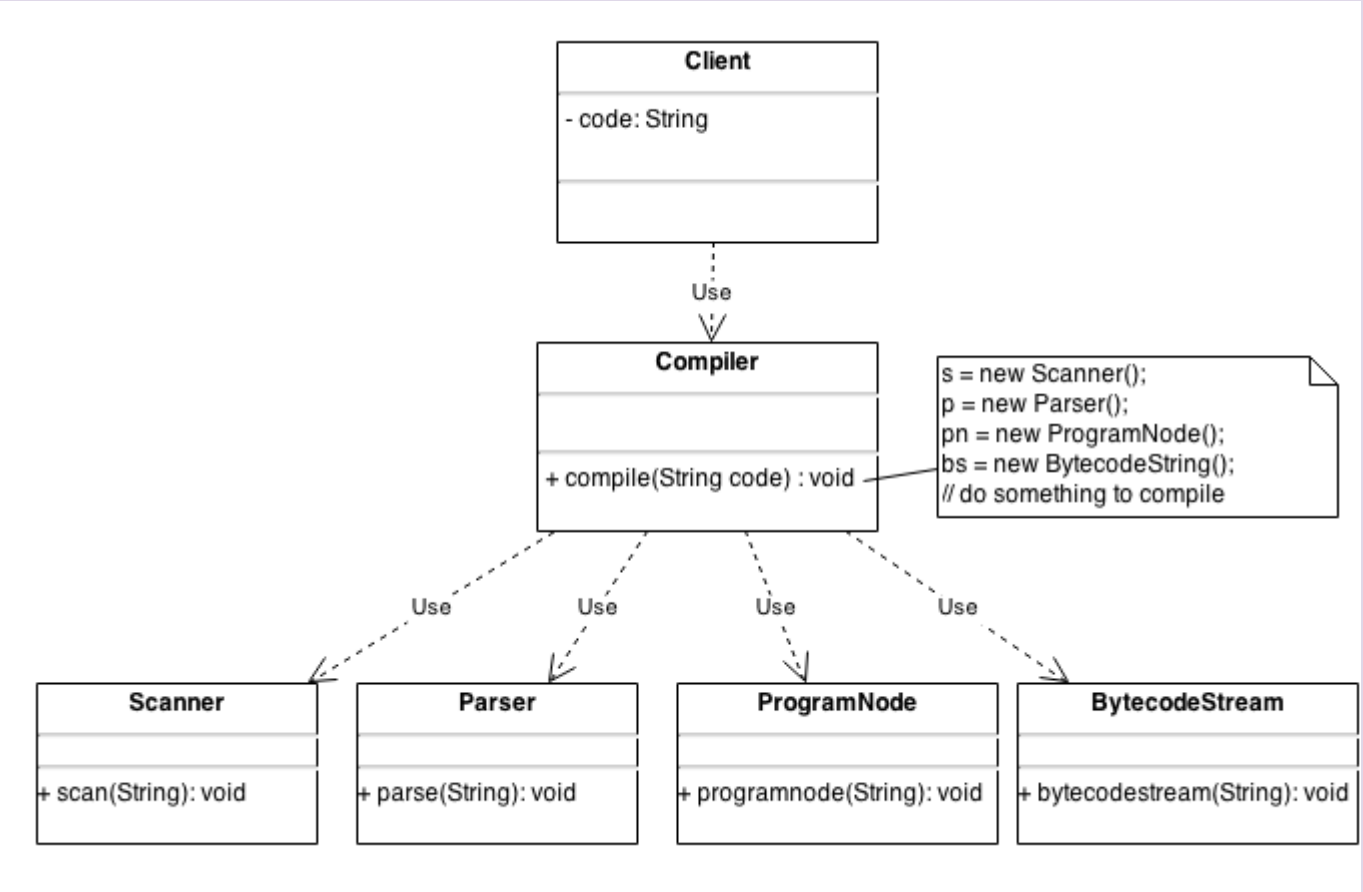
- **The client classes need to use Scanner, Parser, ProgramNode, and BytecodeStream to compile some code.**



- **Redesign**



  - **Encapsulate What Varies.**
  - **Abstract Common Behaviors (skip)**
  - **Compose or Delegate Abstract Behaviors**



2. Modify WBS of further works

- **Implement the first version before 6/5.**
- **Aggregate and test before 6/9.**

6/2 22:00~24:00 @ Skype

1. Importer –

a. 從 facebook 上的資料抓到 allinone table

b. 由於使用 multi thread 增加速度，遇到 thread exception 的問題

c. 目前已完成抓 FB 張貼的文章

d. 繼續將 FB 的 Comment 整合在 allinone table

2. Layout –

a. 若要把 NodeXL 的 Taskpane 用 dependency, 需要把裡面用到 Excel workbook 的地方全部註解掉, 不知是否可行, 待試

b. TestLayoutControl 可以 run, 待測

3. Process pros and cons

Pros:

(1) Can track progress, understand (a) which to do in next stage, (b) responsibility of everyone.

(2) If use properly, problem can be solved efficiently. To use process precisely, you have to analyze your problems and model them first. Therefore, process can constrain problem scope and provide information whether it has been use well enough. For example, if a software project is light-weight, using large scale process cannot lower down your cost of management. (This is case of misuse. Should carefully estimate tradeoff issue.)

(3) Can be organized in any way, hierarchy align can make responsibility clear. You may seldom change the highest one, since most of time the direction won't change too far. Therefore the correct (working-well) parts don't need to be changed.

(4) Consistent behavior for solving same problem. (Moreover, the useful one can be principle or rules.)

Cons:

(1) "Misuse case","Not completely use case" will cause some consequence.

(2) Cannot remove risks. Can only decide what to do when it happens. Different process has different risks.

(3) 魚與熊掌不可兼得. Tradeoff issue always exist. There is no perfect process without cons. For example, flexibility and complexity and efficiency.

Action Item 後續處理項目

編號	處理動作	負責人員	處理期限	狀態	備註
1	WBS draft	黃奕軻	4/1	**Closed 4/1**	蔡宗翰 review
2	提供 Github public key	全員	4/1	**Closed 4/1**	
3	新版 WBS	Eric	4/4	**Closed**	
4	加入 Implementation 的詳細內容	全員	4/7	**Closed**	On google doc
5	繪製 High Level Architecture	Eric	4/8	**Closed**	
6	上傳前次的 Meeting Minutes	吳佳倫	4/8	**Closed 4/1**	
7	WBS—分析、設計階段認領	全員	4/7	**Closed**	
8	設定 Github key, 並確認成功上傳至少一次	全員	4/8	**Closed**	奕軻 review
9	Homework6	吳佳倫	4/8	**Closed 4/08**	
10	Check all Commit	黃奕軻	4/8	**Closed 4/08**	
11	Review System Architecture	全員	4/14	**Closed 4/14**	映孜 review
12	Code Survey	全員	4/14	**Closed 4/14**	
13	Terminology and Naming	呂俊宏	4/14	**Closed 4/14**	
14	Homework 7-1	蔡宗翰	4/15	**Closed 4/15**	
15	Homework 7-2	呂俊宏	4/15	**Closed 4/15**	
16	Homework 8-1	林映孜	4/21	**Closed 4/21**	
17	Homework 8-2	劉宗瑋	4/21	**Closed 4/21**	
18	Homework 9-1	范哲誠	4/28	**Closed 4/28**	
19	Homework 9-2	廖尉棠	4/28	**Closed 4/28**	
20	User requirement	全體	4/28	**Closed 4/28**	
21	System requirement	全體	5/4	**Closed 5/5**	
22	Interface requirement	全體	5/5	**Closed 5/5**	
23	Homework 10	吳佳倫	5/6	**Closed 5/5**	
24	Refine System Architecture	全體	5/13	**Closed 5/12**	

25	Presentation of Requirements & Architecture	蔡宗翰	5/6	**Closed 5/6**	
26	Modifying requirement	全體	5/12	**Closed 5/12**	
27	Homework 11	黃奕軻	5/13	**Closed 5/12**	
28	Re-assign duties for further works	全體	5/13	**Closed 5/13**	
29	Homework 12	劉宗瑋	5/12	**Closed 5/19**	
30	Class Diagram	全體	5/19	**Closed 5/26**	
31	Homework 13	林映孜	5/27	**Closed 5/26**	
32	Implement	全體	6/7	**Ongoing**	
33	Unit-testing	全體	6/7	**Ongoing**	
34	Homework14	蔡宗翰吳佳倫	6/3	**Closed 6/2**	
35	Redesign the class diagram and requirement refine	all	5/29	**Closed 5/29**	
36	WBS modification	all	6/3	**Ongoing**	
37	整理 process' pros and cons	黃奕軻	6/3	**Open**	

下次會議		
日期	時間	地點
6/3Tuesday.	16:30	R10?