Planning

1. Inspection ID 4 4
2. Team

* Moderator 吳冠皚 張耿豪
* Author print\_tokens.c - unknown
* Reviewers 吳冠皚 張耿豪

1. Documents
   * Work products (1) fixed-code

(2) Report

* + Reference <https://book.douban.com/subject/3767699/>
  + Checklists (1)檢查變數名稱與傳入值

(2)判斷函式之正確性

1. Meetings Date Location Start End

Orientation 5/8 home 15:00 18:30

Review Meeting \_5/11\_ home 19:30 21:00

1. Planning objective

* References obtained for work product
* Checklists obtained for work product
* Moderator is trained in Formal Technical Review procedure.
* Team members agree to proposed times/dates.
* Moderator’s quick review yields less than 5 major issues.
* Reviewers understand responsibilities and are committed

1. Planning Effort 240 min
2. Prep. Goals
   * \_\_\_10\_\_min/pkg x \_\_\_17\_\_ pgs. = \_\_\_170\_\_prep.min/reviewer
3. Orientation Objectives
   * Reviewersunderstandscopeandpurposeofworkproduct.
   * Reviewersunderstandcheckingprocess,checklists,andreferences
   * Work product ,references ,checklists and checking forms provided
4. Orient effort
   * Orient. effort \_\_170\_\_minutes x 2 participants = 340 minutes

**Preparation\_1**

1. Inspection ID 102062329
2. Document print\_tokens
3. Reviewer ID 1
4. Reviewer name 張耿豪
5. **Critical , Severe and Moderate Issues**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Num* | *Location* | *Severity* | *Chk/Ref*  *(check/*Reference*)* | *Description* |
| 1 | Line 7 | **Severe** | 1 | 須將FALSE 之 0 改為 1 |
| 2 | Line 15 | Moderate | 1 | numeric\_case()input parameter 不合 |
| 3 | Line 16 | Moderate | 1 | error\_or\_eof\_case()input parameter 不合 |
| 4 | Line 17 | Moderate | 1 | check\_delimiter() input parameter 不合 |
| 5 | Line 22 | Moderate | 1 | next\_state()input parameter 不合 |
| 6 | Line 23 | Moderate | 1 | next\_state()input parameter 不合 |
| 7 | Line 158 | Moderate | 1 | open\_token\_stream()input parameter 改為FILENAME |
| 8 | Line 160 | Moderate | 1 | 補上宣告此變數string FILENAME |
| 9 | Line 218 | Moderate | 1 | input 改為(token\_str,token\_ind) |
| 10 | Line 226 | Moderate | 1 | input 改為(token\_str,token\_ind) |
| 11 | Line 261 | Moderate | 1 | input 改為(token\_str,token\_ind) |
| 12 | Line 300 | Moderate | 1 | input 改為(token\_str,token\_ind) |
| 13 | Line 307 | Moderate | 1 | input 改為(token\_str,token\_ind) |
| 14 | Line 372 | Moderate | 1 | keyword 型別應為int非1double |
| 15 | Line 502 | **Severe** | 2 | If判別式有誤 |

1. Effort 200 mins
2. Issue

Total critical severe moderate minor author Q’s

15 0 2 13 0 0

1. Preparation Objective

* Work product has been completely checked.
* All critical , severe and moderate issues are noted on this form.
* All minor issues and author questions are noted on the work product.

**Preparation\_2**

1. Inspection ID 4
2. Document print\_tokens
3. Reviewer ID 10206140
4. Reviewer name 吳冠皚
5. Critical,SevereandModerateIssues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Num* | *Location* | *Severity* | *Chk/Ref* | *Description* |
| 1 | Line 7 | Moderate | 1 | 將FALSE 之 0 改為 1 |
| 2 | Line 15 | Moderate | 1 | 將括弧內空白處填入應有的變數 |
| 3 | Line 16 | Moderate | 1 | 將括弧內空白處填入應有的變數 |
| 4 | Line 17 | Moderate | 1 | 將括弧內空白處填入應有的變數 |
| 5 | Line 22 | Moderate | 1 | 將括弧內空白處填入應有的變數 |
| 6 | Line 23 | Moderate | 1 | 括弧內補上所欠缺之應有的變數 |
| 7 | Line 158 | Moderate | 1 | 括弧內之void 改為FILENAME |
| 8 | Line 160 | Moderate | 1 | 上宣告此變數string FILENAME |
| 9 | Line 218 | Moderate | 1 | ()內的值補上(token\_str,token\_ind) |
| 10 | Line 226 | Moderate | 1 | ()內的值補上(token\_str,token\_ind) |
| 11 | Line 261 | Moderate | 1 | ()內的值補上(token\_str,token\_ind) |
| 12 | Line 262 | Moderate | 1 | get\_actual\_token(token\_str);這行多餘的刪掉掉 |
| 13 | Line 300 | Moderate | 1 | ()內的值補上(token\_str,token\_ind) |
| 14 | Line 307 | Moderate | 1 | ()內的值補上(token\_str,token\_ind) |
| 15 | Line 372 | Moderate | 1 | eyword型別應為int非 double |
| 16 | Line 502 | Moderate | 2 | if判別式應該不是= 而是== |

1. Effort 200 mins
2. Issue

Total critical severe moderate minor author Q’s

16 0 0 16 0 0

1. Preparation Objective

* Workproducthasbeencompletelychecked.
* Allcritical,severeandmoderateissuesarenotedonthisform.
* Allminorissuesandauthorquestionsarenotedontheworkproduct.

Review Aggregate Checking Data

Meeting

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | R1 | R2 | R3 | R4 | R5 | Total |
| Prep. Effort | 200 | 200 |  |  |  | 400 Min |
| #Critical Iss | 0 | 0 |  |  |  | 0 Issues |
| #Severe Iss. | 2 | 0 |  |  |  | 2 Issues |
| #Moder. Iss. | 13 | 16 |  |  |  | 29 Issues |
| #Minor Iss. | 0 | 0 |  |  |  | 0 Issues |
| #AuthorQ’s | 0 | 0 |  |  |  | 0 Questions |

* Consolidatedlistofcritical,severeandmoderateissues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Num* | *Location* | *Severity* | *Chk/Ref* | *Description* |
| 1 | Line 7 | Moderate | 1 | 將FALSE 之 0 改為 1 |
| 2 | Line 15 | Moderate | 1 | 將括弧內空白處填入應有的變數 |
| 3 | Line 16 | Moderate | 1 | 將括弧內空白處填入應有的變數 |
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Review Meeting

* All reviewers present. List absent reviewer ID’s : \_\_none\_\_
* All reviewers prepared sufficiently for meeting.
* All issues noted by Scriber and understood by Author for rework.
* Any problems with inspection process have been noted.

R.M.effort

30 minutes x 2 participants = 60 minutes

Inspection Metrics

Please calculate the following metrics and record the process. (e.g., the formula)

* Estimated Total Defects: \_\_\_\_\_\_\_16\*15/15 = \_16\_\_\_\_\_\_\_\_\_

p.s Estimated Total Defects:R1 defect found \* R2 defect found / R1 and R2 both found

* Yield

(Total defect found /Estimated Total Defects)\*100%

( 16 / 16 )\*100%= 100%

* Defect Density:

Total Defects Found / Size(pages)  
 16 / 17 = 0.9411764

* Inspection Rate:

Size(pages)/total inspection hours

17 pages / 6 hours = 2.833333

* Defect Finding Efficiency:

Total defects found / total inspection hours

16 / 6 hours = 2.666667