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| **Planning** | | | |
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|  | 1. Inspection ID |  |
|  |  |  |
|  | 2. Team |  |
|  | Author |  |
|  | Reviewers | (1) |
|  |  | (2) |
|  |  |  |
|  |  |  |
|  | 3. Documents |  |
|  | Work products |  |
|  | References |  |
|  | Checklists |  |

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|  | 4. Meetings | Date | Location | Start | End |
|  | Orientation |  |  |  |  |
|  | Review Meeting |  |  |  |  |

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|  | 5. Planning  Objectives | * 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. |

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|  | 6. Planning Effort |  | minutes |

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| **Orientation** | | | | |
|  | 7. Prep. Goals | min/pg. \* | pgs. = | prep.min |

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|  | 8. Orientation  Objectives | * Reviewers understand scope and purpose of work product. * Reviewers understand checking process, checklists, and references. * Work product, references, checklists and checking forms provided. |

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|  | 9. Orient. effort | minutes \* | participants = | minutes |

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| **Preparation** | | | | |
|  | 10. Inspection ID | 114514 | 11. Document | basicgraph\_bug.cpp |
|  | 12. Reviewer ID | 110062237 | 13. Reviewer name | 王博穎 |

14. Critical, Severe and Moderate Issues

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| *Num* |  | *Location* |  | *Severity* |  | *Chk/Ref* |  | *Description* |
| 1 |  | 46 |  | Critical |  |  |  | Repeated definition |
| 2 |  | 49 |  | Major |  |  |  | Possible array out of bounds |
| 3 |  | 57 |  | Major |  |  |  | Missing yMax, yMin |
| 4 |  | 63 |  | Critical |  |  |  | Missing { |
| 5 |  | 64 |  | Minor |  |  |  | Should be v[i]=center |
| 6 |  | 71 |  | Minor |  |  |  | ++i skips i=0 |
| 7 |  | 77 |  | Minor |  |  |  | ++i skips i=0 |
| 8 |  | 157 |  | Critical |  |  |  | Missing } |
| 9 |  | 226 |  | Major |  |  |  | Should be == instead of = |
| 10 |  | 255 |  | Major |  |  |  | Should add free(fs) |
| 11 |  | 261 |  | Critical |  |  |  | exit not in if, exits no matter what |
| 12 |  | 267 |  | Critical |  |  |  | exit not in if, exits no matter what |
| 13 |  | 292 |  | Critical |  |  |  | GLUT\_LEFT\_BUTTON not defined |
| 14 |  | 293 |  | Critical |  |  |  | GLUT\_MIDDLE\_BUTTON not defined |
| 15 |  | 294 |  | Critical |  |  |  | GLUT\_RIGHT\_BUTTON not defined |
| 16 |  | 370 |  | Major |  |  |  | Should be modelID==-1 || modelID==1, in the original code the condition is always true |
| 17 |  | 388 |  | Cosmetic |  |  |  | No default in case |
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| 15. Effort | 60 | minutes |

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| 16. Issues | critical |  | major |  | minor |  | cosmetic |  | author Q’s |
| Totals | 8 |  | 5 |  | 3 |  | 1 |  |  |

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| 17. Preparation  Objectives | * 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. |

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| **Preparation** | | | | |
|  | 10. Inspection ID |  | 11. Document |  |
|  | 12. Reviewer ID |  | 13. Reviewer name |  |

14. Critical, Severe and Moderate Issues

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| *Num* |  | *Location* |  | *Severity* |  | *Chk/Ref* |  | *Description* |
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| 15. Effort |  | minutes |

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| 16. Issues | critical |  | severe |  | moderate |  | minor |  | author Q’s |
| Totals |  |  |  |  |  |  |  |  |  |

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| 17. Preparation  Objectives | * 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. |

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| **Review Meeting** | | Aggregate Checking Data | | | | | | | | |
|  |  | R1 |  | R2 |  | R3 |  | Total |  | unit |
|  | 18. Prep. Effort |  | + |  | + |  | = |  |  | (minutes) |
|  | 19. #Critical Iss. |  | + |  | + |  | = |  |  | (issues) |
|  | 20. #Severe Iss. |  | + |  | + |  | = |  |  | (issues) |
|  | 21. #Moder. Iss. |  | + |  | + |  | = |  |  | (issues) |
|  | 22. #Minor Iss. |  | + |  | + |  | = |  |  | (issues) |
|  | 23. #Author Q’s |  | + |  | + |  | = |  |  | (questions) |

24. Consolidated list of critical, severe and moderate issues

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| *Num* |  | *Location* |  | *Severity* |  | *Chk/Ref* |  | *Description* |
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| 25. Review Meeting  Objectives | | * All reviewers present. List absent reviewer ID’s: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * 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. | | |
| 26. R.M. effort | minutes \* | | participants = | minutes | |