

Code Inspection Report

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StellarObject.cs

| Categories | | Yes | No | Comment |
|-------------------------|---|-----|----|--|
| Bug | program crashes, | | x | |
| | incorrect output, | | x | |
| | data not stored, etc. | | x | |
| Poor Code Logic | redundant or duplicate code, | x | | WriteXMLTag and Write functionally do the same thing |
| | dead code | | x | |
| | overly complicated code, | | x | |
| | inefficient code, • global vars, etc | | x | |
| Poor Coding Style | functions/methods too long, | | x | |
| | code not modular | | x | |
| | repeated code, | x | | Same as above |
| | code doesn't follow the language style guidelines, | | x | |
| | poor use of whitespace, • bad naming, etc | | x | |
| Missing Documentation | undocumented class/module/function/... | x | | There is no documentation in the file |
| Unreadable Code | poor use of white space | | x | |
| | commented out chunks of code | | x | |
| | "TODOs" left in the code • bad naming | | x | |
| Vulnerabilities In Code | data inputs not checked | x | | It would crash if any of the inputs were null |
| | where third-party code is used, not all errors are caught | | x | |
| | invalid parameters not handled | | x | |
| Poor | no comprehensive testing | x | | When this code was inspected, there was no |

| | | | | |
|---------|-----------------------|---|---|---|
| Testing | | | | testing. However it has since been added. |
| | incomplete testing | | x | |
| | non-automated testing | x | | As above |