



# Code Inspection Checklist

Reviewer:

Code:

- Is the code properly formatted?
  
- Are variables clearly and succinctly named?
  
- Is the code split up into functions and files of appropriate lengths?
  
- Is code understandability aided by suitable comments?
  
- Are there no repetitive elements that should be refactored?
  
- Are there no hard-coded values that should be either named constants or configurable parameters?
  
- Does the software check for bad input (defensive programming)?
  
- Are libraries employed where useful, but not unnecessarily?
  
- Does the design make good use of encapsulation and abstraction?
  
- Is the user interface easy to understand and use?
  
- Is there sufficient documentation to allow an external person to use and modify the software?
  
- Can the program be automated?
  
- Are there mechanisms for verifying correctness? (Error messages, logging, unit tests...)