

# Code Review Checklist

The following attributes should be verified during a code review:

## Clarity

- Is the code clear and easy to understand?
- Did the programmer unnecessarily obfuscate any part of it?
- Can the code be made clearer?

## Maintainability

- Will other programmers be able to maintain this code?
- Is it well-commented and documented properly?

## Accuracy

- Does the code accomplish what it is meant to do?
- If an algorithm is being implemented, is it implemented correctly?

## Reliability and Robustness

- Is the code fault-tolerant? Is it error-tolerant?
- Will it handle abnormal conditions or malformed input?
- Does it fail gracefully if it encounters an unexpected condition?

## Security

- Is the code vulnerable to unauthorized access or malicious use or modification?

## Scalability

- Could the code be a bottleneck that prevents the system from growing to accommodate increased load, data, users or input?

## Reusability

- Could this code be reused in other applications?
- Can it be made more general?

## Efficiency

- Does the code make efficient use of memory, CPU cycles, bandwidth or other system resources?
- Can it be optimized?