

Defect Types Standard

Code	Defect Name	Problem	Fix
10	Documentation	Documents, comments, or messages are not understandable or wrong	Correct the document, the comment, or the message
20	Syntax/Static	A defect that can often be detected by the compiler including syntax errors, typos, etc.	Correct syntactic or compiler-findable static semantic defect
30	Build/Package	Errors in version control, make, or in change management	Create or use correct version or correct the change
40	Assignment	One statement defects in data management or procedure calls. Wrong operand, operator in expression, wrong object assignment, assignment missing or duplicated	Correct statement
50	Interface	Incorrect design or misuse of interfaces (class, procedure, or data type interface is incomplete or wrong or used in an inappropriate way, objects are invisible, etc.)	Change interface
60	Checking	Missing, wrong, or inadequate handling of error cases	Add or correct error handling
70	Data	Invariant of variable or data structure violated	Correct violations
80	Function	Defects beyond one statement in algorithms or functionality	Add or correct more than one statement
90	System	Problem with timing, synchronization, network, hardware or the like	
100	Environment	Defect in development environment or support systems	Correct support system defect or avoid environment defect

Defect Reason Standard

KN	Knowledge	You did not properly understand or know how to do something
CO	Communication	You were not properly informed about something (by someone else or by your own documentation)
OM	Omission	You omitted doing something or forgot
TR	Transcription	You knew what to do but made a mistake in doing it
PR	Process	Your process somehow misdirected your actions