Template for comments and secretariat observations

Date: 2013-04-08	Document: **SC 22 N 4780** **WG 14 N 1701**	Project: ISO/IEC PDTS 17961

MB/ NC[1]	Line number (e.g. 17)	Clause/ Subclause (e.g. 3.1)	Paragraph/ Figure/ Table/ (e.g. Table 1)	Type of comment[2]	Comments	Proposed change	Observations of the secretariat
JP 1		throughout the document		ge	Each rule section consists of Rule, Rationale (if any), Example(s) and Exception (if any), in this order. Rule is obviously normative, and Rationale and Example(s) are informative, but we cannot judge whether Exception is normative or informative. Some of examples seem to be related to exceptions, so we might think that exceptions are normative. However, exceptions are given after informative examples, and have appearances similar to examples, so we are inclined to consider that they are informative.		
JP 2		throughout the document		te	In the description of some of the rules, we cannot judge whether the rule refers to the dynamic behavior of programs, or is limited to static text of programs. For example, 5.10 (Converting a pointer to integer or integer to pointer) says "shall be diagnosed if the resulting pointer is incorrectly aligned", thus this rule explicitly refers to the dynamic behavior. On the other hand, 5.11 (Converting pointer values to more strictly aligned pointer types) says "Converting a pointer value to a pointer type that is more strictly aligned than the type the value actually points to shall be diagnosed". This can be interpreted as a rule on the static relation between two types. This interpretation would not be correct, since Example 2 refers to the dynamic behavior of programs, but anyway, the description of the rule is ambiguous in some sense.		
JP 3		Introduction		te	Explanations on completeness and soundness are given in Introduction, and the concept "quality of implementation issue" is given here. Standards often have descriptions like "This Standard does not specify the following …" in the Conformance clauses. We think that such a position is appropriate for completeness and		

ISO/IEC/CEN/CENELEC electronic balloting commenting template/version 2012-03

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					soundness.		
JP 4		Introduction	2nd paragraph of Completeness and soundness	ed	"undecideable" should be changed to "undecidable". Also for "undecideability".		
JP 5		Introduction	Table 1	ed	The lower-right item should be changed from "Unsound" to "Complete and unsound".		
JP 6		Introduction	last line of Taint and tainted sources	ed	"value" in "assigned to any value" should be changed to "variable".		
JP 7		1 Scope	page number	ed	Why is the number of the first page "2"?		
JP 8		3 Normative references	1st paragraph	ed	The term "the C Secure Coding Rules" should be changed to "this Technical Specification".		
JP 9		4 Terms and definitions	1st line	ed	The term "this document" should be changed to "this Technical Specification" which appears in the third line.		
JP 10		5.11	Rationale	ed	The word "that" in "strictly aligned that the value" should be changed to "than".		
JP 11		5.13	1st line of EXAMPLE 4	ed	The comma in "section, 5.2.4.1" should be deleted.		
JP 12		5.16	last line in Example	ed	The space between left parenthesis and "string" should be deleted.		
JP 13		5.20	EXAMPLE 5	te	The rule of 5.20 refers to "a C library function with a pair of arguments". However, "malloc" function mentioned in this example has only one argument, so the rule is not applicable to this example.		

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2   **Type of comment:**   **ge** = general   **te** = technical   **ed** = editorial

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JP 14		5.21	EXAMPLE 7	ed	The word "noncompliant" should be deleted in "In this noncompliant compliant example".		
JP 15		5.23	EXAMPLE 3	te	In the last call of "fprintf", the variable "msg" is not used as a format string, and this example is unrelated to the rule given in 5.23.		
JP 16		5.25	EXAMPLE 3 and 4	ed	The word "solution" should be changed to "example" in "In this compliant solution".		
JP 17		5.20.4	4th example	ed	The serial number of the example is missing.	Insert " 4" after "EXAMPLE"	

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