ISO/IEC JTC 1/SC 22/OWGV N 0213

Markup of proposed description of MEM for Ada annex

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Ada.3.5 Deprecated Language Features [MEM]


Ada.3.5.0 Status and history

July 2009 written by Stephen Michell
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Ada.3.5.1 ~~Language~~Ada-specific terminology and ~~Features~~features

Deprecated: Ada has a number of features that have been declared "deprecated". These are documented in Annex L of the Ada Reference Manual.

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Pragma restrictions: Ada provides "pragma Retrictions" to let developers
remove from use language features that are  considered problematic by the
developer(s). In particular, the pragma
Restrictions(No_Obsolescent_Features) prohibits the use of any deprecated
features. This pragma is a configuration pragma which means that all
program units compiled into the library must obey the restriction.

3.5.2 Description of  Vulnerability in Ada

If deprecated language features are used (i.e. the pragma restriction is
not applied), then the mechanism of failure for the vulnerability is as
described in the parent document.

Ada.3.5.3 Avoiding the vulnerability or mitigating its effects in Ada
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~~This vulnerability can be avoided or mitigated in Ada in the following ways:~~

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- Use pragma Restrictions(No_Obsolescent_Features) to prevent the use of
any  deprecated features.

Ada.3.x.4 Implications for standardization in Ada
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~~Future Standardization of Ada should consider:~~

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None.
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