Subject: Changes to modules TR
From: Data subgroup / Van Snyder

Page and line numbers refer to N1581.

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| ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.<br>International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.<br>The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75% of the member bodies casting a vote.<br>ISO/IEC TR 19767:2004(E) was prepared by Joint Technical Committee ISO/IEC/JTC1, *Information technology*, Subcommittee SC22, *Programming languages, their environments and system software interfaces*. | ii:2 |
| "international standard" ⇒ "International Standard" | ii:4 |
| Delete "This document ... language". | ii:4-6 |
| "standard" ⇒ "International Standard" | ii:8 |
| "international standard" ⇒ "International Standard" | iii:0.1.3:1 |
| "international standard" ⇒ "International Standard" three times. | 1:3,6,7-8 |
| The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. | 1:12-17 |
| [To remove the possibility of a perverse reading, insert "in" before "one".] | 2:39 |
| "[In the first line of 2.3.3, insert ', *end-sep-subprogram-stmt*' after '*end-subroutine-stmt*', and insert ', *end-submodule-stmt*,' after '*end-module-stmt*'. In the third line of subclause 2.3.3, replace 'and *end-subroutine-stmt*' by '*end-subroutine-stmt*, and *end-sep-subprogram-stmt*'. In the fifth line of subclause 2.3.3, replace 'or *end-subroutine-stmt*' by ', *end-subroutine-stmt*, or *end-sep-subprogram-stmt*'.]" The marginal line numbers that ISO won't see are 14:2,4,6. | 6:2 |
| Remove the comma after "submodule".] | 6:4 |
| Replace "and" by ", and within" six times. | 6:7,9,10,12,13,14 |
| "[In the third line of the second paragraph of 4.5.5.2, insert 'or submodule' after 'module']." | 6:16-17 |
| "[In the fourth line of the second paragraph of 4.5.5.2, insert 'or accessing the submodule' after 'module']." | 6:17+ |
| "[In the second paragraph of Note 4.48, insert 'or submodule' after the first 'module' and insert 'or accessing the submodule' after the second 'module']." | 6:18 |
| Replace "or" by ", or within". | 6:19 |
| Replace "C1109" by "C1110" twice (and change the marginal line number that ISO won't see to 251:32+). | 7:2-3 |
| (8:18-21 in 04-260) Delete constraint C1237a, the description of where it was proposed to insert it into the FCD, and the note to WG5. | 8:17-20 |

"[After the second paragraph of subclause 15.4.1 insert the following constraint]: 10:3+

C1506 A procedure defined in a submodule shall not have a binding label unless its interface is declared in the ancestor module.

". The marginal line number that ISO won't see is 403:36+.

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Remove "the second instance of" and insert "." after "interface body". 10:19

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"[In the fifth line of the first paragraph of subclause 16.4.1.3, insert ', module procedure interfaces' after 'abstract interfaces'.]". The marginal line number that ISO won't see is 411:6. 10:20+

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"[In item (3)(c) of 16.5.6 insert 'or submodule' after the first instance of 'module' and insert 'or accessing the submodule' after the second instance of 'module'.]" 10:28

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Remove edit to replace Note 16.18. 10:29-11:0+6

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"[In item (3)(d) of 16.5.6 insert 'or submodule' after the first instance of 'module' and insert 'or accessing the submodule' after the second instance of 'module'.]" 11:1