**ISO/IEC JTC 1 – Request for freely available standards Form**

In order for ISO CS and IEC CO (ITTF) to consider a standard to be freely available, requests must use this Form.

**Preparation**: 1) This Request Form is to be completed by the Committee Manager with the collaboration of the relevant Project Editor or WG Convenor.

**Approval**: 1) the Committee Manager ballots the Request Form within the SC; 2) the Committee Manager submits the Request Form and approval Resolution to the JTC 1 Secretariat; 3) the JTC 1 Secretariat reviews the request and submits the Form to the ISO/IEC ITTF TPMs for approval; 4) once ISO and IEC approval of the criteria has been granted, ISO and IEC TPMs inform the JTC 1 Secretariat; and 5) final approval granted by JTC 1 resolution.

Please note that for approval as a freely available standard, within JTC 1, ISO and IEC committees, the standard shall conform to at least one criteria and rationale listed below, the justification table must include clear indication of which and how it applies.

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| **NUMBER** | **CRITERIA** | **RATIONALE** |
| **C.1** | **Publications that are merely references (pointers) to other documents, e.g. developed outside JTC 1** | Available free from other sites |
| **C.2** | **Publications for which authorized identical documents are freely available in electronic format elsewhere** | Available free from other sites |
| **C.3** | **Technical Corrigenda** | Free in IEC |
| **C.4** | **Testing bitstreams and reference software** | Originally part of standards |
| **C.5** | **Reference Models A: Standards which explain the**  **relationships between existing**  **standards** | Catalogues of standards for sales promotion |
| **C.6** | **Reference models B: Architectural descriptions which describe frameworks to guide standards development, including profiles and taxonomies** | Not implementable specifications and enhance awareness and influence of JTC 1 |
| **C.7** | **Purely introductory parts of multi-part standards** | Catalogues of standards for sales promotion |

*NOTE 1: Criteria based on ISO Council vote 06/2004 - Annex to document CB/278/DL  
NOTE 2: Technical Reports were deleted to align with other IEC documents*

**Justification (explain in detail how does the document meet the selected criterium)**

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| **Work item** | | ISO/IEC TR 24772-1: Programming languages - Avoiding vulnerabilities in programming languages - Part 1: Language-independent catalogue of vulnerabilities |
| **Date:** | | 6 November 2023 |
| **Criteria** | **JUSTIFICATION** | |
| C6. | 1. ISO/IEC 24772-1 catalogues for users of programming languages typical features of programming languages that can be avoided to reduce mistakes, avoid attacks, eliminate erroneous situations, and on architectural features that are preferred to develop safe and secure programs.  2. ISO/IEC 24772-1 and its dependent language-specific parts let system designers and managers evaluate the risk of using specific computer languages (most that are ISO/IEC standards) for a given proposed architecture, which effects the choices of standard programming languages used. It also supports designers who evaluate the risks of using certain architectural features in whichever language they are using.  3. ISO/IEC 24772-1 identifies for the architects (designers) of programming languages (authors of programming language standards), areas of concern in typical programming languages that they might address in future revisions of the programming language standard to help programmers avoid vulnerabilities.  It demonstrates the commitment of JTC 1 to meet the challenges of modern Information Technology.  TR 24772-1 does not contain normative provisions. | |
|  | Previous versions of this document, TR 24772:2010 and TR 24772:2012, were approved for free availability. | |

**Does the deliverable contain additional content deemed as to be contained in an ISO or IEC deliverable available at a cost?**

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| **Yes or No** |  |

**RESPONSE FROM ITTF**

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| **Yes or No** |  |