

A Guide to the Project Management Body of Knowledge (PMBOK(R) Guide) -- Eighth Edition

Author: Project Management Institute (02-20-2026)

IEC/IEEE 82079-1:2019 Preparation of information for use (instructions for use) of products: Part 1:
Principles and general requirements

Author: IEEE (03-19-2020)

IEEE 1012-2024 IEEE Standard for System, Software, and Hardware Verification and Validation

Author: IEEE (02-25-2025)

IEEE 1228-1994 (R2002) IEEE Standard for Software Safety Plans

Author: IEEE (10-25-2008)

IEEE 2675-2021, IEEE Standard for DevOps: Building Reliable and Secure Systems Including
Application Build, Package, and Deployment

Author: IEEE (03-31-2021)

IEEE 7000:2021, IEEE Standard Model Process for Addressing Ethical Concerns during System
Design

Author: IEEE (07-28-2022)

IEEE 7002:2022, IEEE Standard for Data Privacy Process

Author: IEEE (07-28-2022)

IEEE 7005 2021, IEEE Standard for Transparent Employer Data Governance

Author: IEEE (07-31-2022)

IEEE 7009-2024, Fail-Safe Design of Autonomous and Semi-Autonomous Systems

Author: IEEE (08-25-2024)

IEEE 7010-2020, IEEE Recommended Practice for Assessing the Impact of Autonomous and
Intelligent Systems on Human Well-Being

Author: IEEE (02-07-2021)

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth
Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

IEEE 7014-2024, IEEE Standard for Ethical Considerations in Emulated Empathy in Autonomous and Intelligent Systems

Author: IEEE (08-22-2024)

IEEE 730-2014 IEEE Standard for Software Quality Assurance Processes

Author: IEEE (11-11-2014)

IEEE 828-2012 IEEE Standard for Configuration Management in Systems and Software Engineering

Author: IEEE (08-02-2012)

IEEE 982:2024, Standard for Measures of the Software Aspects of Dependability

Author: IEEE (10-16-2024)

INCOSE Systems Engineering Handbook, 5th ed., 2023

Author: INCOSE (08-11-2026)

Information technology Modeling Languages Part 2: Syntax and Semantics for IDEF1X97 (IDEFObject)

Author: IEEE (04-11-2026)

ISO 5806:1984 Information processing -- Specification of single-hit decision tables

Author: ISO JTC 1/SC7 (01-09-2006)

ISO 5807:1985 Information processing -- Documentation symbols and conventions for data, program and system flowcharts, program network charts and system resources charts

Author: ISO JTC 1/SC7 (01-09-2006)

ISO TR 25060:2023 Systems and software engineering--Systems and software Quality Requirements and Evaluation (SQuaRE)--General Framework for Common Industry Format (CIF) for usability-related information

Author: ISO JTC 1/SC7 (02-25-2025)

ISO/IEC 10746-1:1998 Information technology -- Open Distributed Processing -- Reference model:

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

Overview

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC 10746-2:2009 Information technology -- Open Distributed Processing -- Reference Model:
Foundations

Author: ISO JTC 1/SC7 (08-21-2011)

ISO/IEC 10746-3:2009 Information technology -- Open Distributed Processing -- Reference Model:
Architecture

Author: ISO JTC 1/SC7 (09-18-2011)

ISO/IEC 11411:1995 Information technology -- Representation for human communication of state
transition of software

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC 13235-3:1998 Information technology -- Open Distributed Processing -- Trading Function --
Part 3: Provision of Trading Function using OSI Directory service

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC 14102:2008 Information Technology - Guideline for the evaluation and selection of CASE
tools

Author: ISO JTC 1/SC7 (10-12-2009)

ISO/IEC 14143-1:2007 Information technology--Software measurement--Functional size
measurement; Part 1: Definition of concepts

Author: ISO JTC 1/SC7 (01-27-2008)

ISO/IEC 14143-2:2011 Information technology -- Software measurement -- Functional size
measurement -- Part 2: Conformity evaluation of software size measurement methods to ISO/IEC
14143-1

Author: ISO JTC 1/SC7 (05-22-2012)

ISO/IEC 14143-6:2012 Information technology--Software measurement--Functional size

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth
Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

measurement--Part 6: Guide for use of ISO/IEC 14143 series and related International Standards

Author: ISO JTC 1/SC7 (02-14-2013)

ISO/IEC 14568:1997 Information technology -- DXL: Diagram eXchange Language for tree-structured charts

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC 14752:2000 Information technology -- Open Distributed Processing -- Protocol support for computational interactions

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC 14753:1999 Information technology -- Open Distributed Processing -- Interface references and binding

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC 14756:1999 Information technology -- Measurement and rating of performance of computer-based software systems

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC 14769:2001 Information technology -- Open Distributed Processing -- Type Repository Function

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC 15414:2015 Information technology -- Open distributed processing -- Reference model -- Enterprise language

Author: ISO JTC 1/SC7 (06-22-2015)

ISO/IEC 15474-1:2002 Information technology -- CDIF framework -- Part 1: Overview

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC 15474-2:2002 Information technology -- CDIF framework -- Part 2: Modelling and extensibility

Author: ISO JTC 1/SC7 (01-09-2006)

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

ISO/IEC 15475-2:2002 Information technology -- CDIF transfer format -- Part 2: Syntax SYNTAX.1

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC 15475-3:2002 Information technology -- CDIF transfer format -- Part 3: Encoding
ENCODING.1

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC 15476-4:2005 Information technology--CDIF semantic metamodel--Part 4: Data models

Author: ISO JTC 1/SC7 (02-26-2008)

ISO/IEC 15909-1:2019 Systems and software engineering--High-level Petri nets--Part 1: Concepts,
definitions and graphical notation

Author: ISO/IEC JTC 1 (03-26-2020)

ISO/IEC 15909-2:2011 Software and system engineering--High-level Petri nets--Part 2: Transfer
format

Author: ISO JTC 1/SC7 (08-01-2022)

ISO/IEC 15909-3:2021. Systems and software engineering--High-level Petri nets--Part 3: Extensions
and structuring mechanisms

Author: ISO JTC 1/SC7 (08-01-2022)

ISO/IEC 15940:2013 Systems and software engineering--Software Engineering Environment
Services

Author: ISO JTC 1/SC7 (02-09-2014)

ISO/IEC 16350-2015 Information technology--Systems and software engineering--Application
management

Author: ISO JTC 1/SC7 (08-11-2026)

ISO/IEC 19506:2012 Information technology -- Object Management Group Architecture-Driven
Modernization (ADM) -- Knowledge Discovery Meta-Model (KDM)

Author: ISO JTC 1/SC7 (02-14-2013)

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth
Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

ISO/IEC 19761:2011 Software engineering -- COSMIC: a functional size measurement method

Author: ISO JTC 1/SC7 (02-16-2013)

ISO/IEC 19770-1:2017 Information technology -- IT asset management -- Part 1: IT asset management systems--Requirements

Author: ISO JTC 1/SC7 (02-19-2018)

ISO/IEC 19770-2:2015 (corr 2017), Information technology -- Software asset management -- Part 2: Software identification tag

Author: ISO JTC 1/SC7 (02-19-2018)

ISO/IEC 19770-3:2016 Information technology--IT asset management--Part 3: Entitlement schema

Author: ISO JTC 1/SC7 (03-24-2020)

ISO/IEC 19770-4:2017 Information technology -- IT asset management -- Part 4: Resource utilization measurement

Author: ISO/IEC JTC 1 (02-19-2018)

ISO/IEC 19770-5:2015 Information technology--IT asset management--Overview and vocabulary

Author: ISO JTC 1/SC7 (02-19-2018)

ISO/IEC 19770-6:2024, Information technology IT asset management Part 6: Hardware identification tag

Author: ISO/IEC JTC 1 (08-20-2024)

ISO/IEC 19770-8:2020, Information technology IT asset management Part 8: Guidelines for mapping of industry practices to/from the ISO/IEC 19770 family of standards

Author: ISO/IEC JTC 1 (03-10-2021)

ISO/IEC 19793:2015 Information technology -- Open Distributed Processing -- Use of UML for ODP system specifications

Author: ISO/IEC JTC 1 (08-12-2026)

ISO/IEC 20246:2017 Software and systems engineering -- Work product reviews

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

Author: ISO/IEC JTC 1 (02-19-2018)

ISO/IEC 20926:2009 Software and systems engineering -- Software measurement -- IFPUG functional size measurement method 2009

Author: ISO JTC 1/SC7 (02-17-2013)

ISO/IEC 20968:2002 Software engineering -- Mk II Function Point Analysis -- Counting Practices Manual

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC 23396:2020, Systems and software engineering Capabilities of review tools

Author: ISO/IEC JTC 1 (03-10-2021)

ISO/IEC 23531:2020, Systems and software engineering--Capabilities of issue management tools

Author: ISO/IEC JTC 1 (08-25-2024)

ISO/IEC 23643:2020, Software and systems engineering--Capabilities of software safety and security verification tools

Author: ISO/IEC JTC 1 (03-11-2021)

ISO/IEC 2382:2015 Information technology -- Vocabulary

Author: ISO/IEC JTC 1 (04-22-2021)

ISO/IEC 24744:2014 Software Engineering--Metamodel for development methodologies

Author: ISO JTC 1/SC7 (02-26-2015)

ISO/IEC 24773-1:2019 Software and systems engineering-Certification of software and systems engineering professionals-Part 1: General requirements

Author: ISO/IEC JTC 1 (04-03-2019)

ISO/IEC 24773-2:2024, Software and systems engineering Certification of software and systems engineering professionals Part 2: Guidance regarding description of knowledge, skills, and competencies contained in schemes

Author: ISO/IEC JTC 1 (08-21-2024)

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

ISO/IEC 24773-4:2023 Software and systems engineering Certification of software and systems engineering professionals Part 4: Software engineering

Author: ISO/IEC JTC 1 (08-17-2024)

ISO/IEC 25000:2014 Systems and software Engineering--Systems and software product Quality Requirements and Evaluation (SQuaRE) -- Guide to SQuaRE

Author: ISO JTC 1/SC7 (03-31-2014)

ISO/IEC 25001:2014 Systems and software engineering--Systems and software product Quality Requirements and Evaluation (SQuaRE)--Planning and management

Author: ISO JTC 1/SC7 (03-31-2014)

ISO/IEC 25002:2024, Systems and software engineering Systems and software Quality Requirements and Evaluation (SQuaRE) Quality model overview and usage

Author: ISO/IEC JTC 1 (08-21-2024)

ISO/IEC 25010:2023, Systems and software engineering--Systems and software Quality Requirements and Evaluation (SQuaRE)--Product quality model

Author: ISO/IEC JTC 1 (08-18-2024)

ISO/IEC 25019:2023, Systems and software engineering Systems and software Quality Requirements and Evaluation (SQuaRE) Quality-in-use model

Author: ISO JTC 1/SC7 (08-04-2025)

ISO/IEC 25020:2019 Systems and software engineering--Systems and software product Quality Requirements and Evaluation (SQuaRE)--Quality measurement framework

Author: ISO JTC 1/SC7 (03-19-2020)

ISO/IEC 25021:2012 Software engineering--Software product Quality Requirements and Evaluation (SQuaRE)--Quality measure elements

Author: ISO JTC 1/SC7 (02-16-2013)

ISO/IEC 25022:2016, Systems and software engineering -- Systems and software quality

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

requirements and evaluation (SQuaRE) -- Measurement of quality in use

Author: ISO/IEC JTC 1 (02-19-2018)

ISO/IEC 25023:2016, Systems and software engineering--Systems and software Quality Requirements and Evaluation (SQuaRE)--Measurement of system and software product quality

Author: ISO JTC 1/SC7 (06-21-2016)

ISO/IEC 25024:2015 Systems and software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Measurement of data

Author: ISO JTC 1/SC7 (08-12-2026)

ISO/IEC 25030:2019 Systems and software engineering--Systems and software quality requirements and evaluation (SQuaRE)--Quality requirements framework

Author: ISO/IEC JTC 1 (03-24-2020)

ISO/IEC 25040:2024 Systems and software engineering--Systems and software Quality Requirements and Evaluation (SQuaRE)--Quality evaluation framework

Author: ISO JTC 1/SC7 (10-16-2024)

ISO/IEC 25041: 2012 Systems and software engineering--Systems and software Quality Requirements and Evaluation (SQuaRE)--Evaluation guide for developers, acquirers and independent evaluators

Author: ISO JTC 1/SC7 (02-16-2013)

ISO/IEC 25045:2010 Systems and software engineering--Systems and software Quality Requirements and Evaluation (SQuaRE)--Evaluation module for recoverability

Author: ISO JTC 1/SC7 (12-28-2011)

ISO/IEC 25051:2014 Software engineering -- Software product Quality Requirements and Evaluation (SQuaRE) -- Requirements for quality of Ready to Use Software Product (RUSP) and instructions for testing

Author: ISO JTC 1/SC7 (03-05-2017)

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

ISO/IEC 25059:2023, Software engineering Systems and software Quality Requirements and Evaluation (SQuaRE) Quality model for AI systems

Author: ISO/IEC JTC 1 (08-31-2023)

ISO/IEC 25062:2025 Systems and software engineering -- Systems and software product Quality Requirements and Evaluation (SQuaRE) -- Common Industry Format (CIF) for reporting usability evaluations

Author: ISO/IEC JTC 1 (02-25-2025)

ISO/IEC 25063:2014 Systems and software engineering--Systems and software product Quality Requirements and Evaluation (SQuaRE) Common Industry Format (CIF) for usability: Context of use description

Author: ISO JTC 1/SC7 (10-29-2014)

ISO/IEC 25064:2013 Systems and software engineering--Software product Quality Requirements and Evaluation (SQuaRE)--Common Industry Format (CIF) for usability: User needs report

Author: ISO JTC 1/SC7 (02-09-2014)

ISO/IEC 25066:2016, Systems and software engineering--Systems and software Quality Requirements and Evaluation (SQuaRE)--Common Industry Format (CIF) for Usability--Evaluation Report

Author: ISO JTC 1/SC7 (06-21-2016)

ISO/IEC 26550:2015 Software and systems engineering--Reference model for product line engineering and management

Author: ISO JTC 1/SC7 (03-15-2016)

ISO/IEC 26551:2016 Software and systems engineering --Tools and methods for product line requirements engineering

Author: ISO JTC 1/SC7 (05-03-2016)

ISO/IEC 26552:2019 Software and systems engineering--Tools and methods for product line architecture design

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

Author: ISO/IEC JTC 1 (03-24-2020)

ISO/IEC 26553:2018 Information technology -- Software and systems engineering-- Tools and methods for product line realization

Author: ISO/IEC JTC 1 (07-27-2025)

ISO/IEC 26554:2018 Information technology--Software and systems engineering--Tools and methods for product line testing

Author: ISO JTC 1/SC7 (04-01-2019)

ISO/IEC 26555:2015 Software and systems engineering--Tools and methods for product line technical management

Author: ISO JTC 1/SC7 (03-15-2016)

ISO/IEC 26556:2018 Information technology--Software and systems engineering--Tools and methods for product line organizational management

Author: ISO JTC 1/SC7 (08-04-2025)

ISO/IEC 26557:2016 Software and systems engineering -- Methods and tools for variability mechanisms in software and systems product line

Author: ISO JTC 1/SC7 (02-19-2018)

ISO/IEC 26558:2017 Software and systems engineering -- Methods and tools for variability modelling in software and systems product line

Author: ISO/IEC JTC 1 (02-19-2018)

ISO/IEC 26559:2017 Software and systems engineering -- Methods and tools for variability traceability in software and systems product line

Author: ISO JTC 1/SC7 (02-19-2018)

ISO/IEC 26560:2019 Software and systems engineering -- Tools and methods for product line product management

Author: ISO/IEC JTC 1 (03-24-2020)

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

ISO/IEC 26561:2019 Software systems engineering--Methods and tools for product line technical probe

Author: ISO JTC 1/SC7 (03-26-2020)

ISO/IEC 26562:2019 Software and systems engineering--Methods and tools for product line transition management

Author: ISO/IEC JTC 1 (03-24-2020)

ISO/IEC 26563:2022. Software and systems engineering Methods and tools for product line configuration management

Author: ISO JTC 1/SC7 (08-04-2025)

ISO/IEC 26564:2022, Software and systems engineering Methods and tools for product line measurement

Author: ISO/IEC JTC 1 (08-31-2023)

ISO/IEC 26580:2021, Software and systems engineering Methods and tools for the feature-based approach to software and systems product line engineering

Author: ISO/IEC JTC 1 (04-07-2022)

ISO/IEC 29110-1-2:2024, Systems and software engineering Lifecycle profiles for Very Small Entities (VSEs) Part 1-2: Vocabulary

Author: ISO/IEC JTC 1 (08-21-2024)

ISO/IEC 29110-5-1-2:2025 Systems and software engineering Life cycle profiles for very small entities (VSEs) Part 5-1-2: Software engineering guidelines for the generic Basic profile

Author: ISO JTC 1/SC7 (03-18-2025)

ISO/IEC 29110-5-2-1:2025 Systems and software engineering Life cycle profiles for very small entities (VSEs) Part 5-2-1: Organizational management guidelines

Author: ISO/IEC JTC 1 (12-04-2025)

ISO/IEC 29110-5-4:2025, Systems and software engineering Life cycle profiles for very small entities (VSEs) Part 5-4: Agile software development guidelines

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

Author: ISO/IEC JTC 1 (12-02-2025)

ISO/IEC 29110-5-6-4:2025, Systems and software engineering Life cycle profiles for very small entities (VSEs) Part 5-6-4: Systems engineering guidelines for the generic Advanced profile

Author: ISO/IEC JTC 1 (12-03-2025)

ISO/IEC 29155-1:2017 Systems and software engineering--Information technology project performance benchmarking framework--Part 1: Concepts and definitions

Author: ISO JTC 1/SC7 (02-19-2018)

ISO/IEC 29155-2:2013 Systems and software engineering--Information technology project performance benchmarking framework--Part 2: Requirements for benchmarking

Author: ISO JTC 1/SC7 (03-24-2020)

ISO/IEC 29155-3:2015 Systems and software engineering--Information technology project performance benchmarking framework--Part 3: Guidance for reporting

Author: ISO/IEC/IEEE (03-24-2020)

ISO/IEC 29881:2010 Information technology--Software and systems engineering--FiSMA 1.1 functional size measurement method

Author: ISO JTC 1/SC7 (01-04-2012)

ISO/IEC 30103:2015 Software and Systems Engineering - Lifecycle Processes - Framework for Product Quality Achievement

Author: ISO JTC 1/SC7 (09-23-2015)

ISO/IEC 30130:2016 Software engineering --Capabilities of software testing tools

Author: ISO/IEC/IEEE (03-24-2020)

ISO/IEC 33001:2015 Information technology--Process assessment--Concepts and terminology

Author: ISO JTC 1/SC7 (03-05-2015)

ISO/IEC 33003:2015 Information technology--Process assessment--Requirements for process measurement frameworks

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

Author: ISO JTC 1/SC7 (03-08-2015)

ISO/IEC 33020:2019 Information technology--Process assessment--Process measurement framework for assessment of process capability

Author: ISO JTC 1/SC7 (03-20-2020)

ISO/IEC 33202:2024, Software and systems engineering Core agile practices

Author: ISO JTC 1/SC7 (08-12-2026)

ISO/IEC TR 12182:2015 Systems and software engineering--Framework for categorization of IT systems and software, and guide for applying it

Author: ISO JTC 1/SC7 (03-26-2020)

ISO/IEC TR 14143-3:2003 Information technology -- Software measurement -- Functional size measurement -- Part 3: Verification of functional size measurement methods

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC TR 14143-4:2002 Information technology -- Software measurement -- Functional size measurement -- Part 4: Reference model

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC TR 14143-5:2004 Information technology -- Software measurement -- Functional size measurement -- Part 5: Determination of functional domains for use with functional size measurement

Author: ISO JTC 1/SC7 (01-09-2006)

ISO/IEC TR 14471:2007 Information technology--Software engineering--Guidelines for the adoption of CASE tools

Author: ISO JTC 1/SC7 (01-26-2008)

ISO/IEC TR 18018:2010 Information technology--Systems and software engineering--Guide for configuration management tool capabilities

Author: ISO JTC 1/SC7 (12-29-2011)

ISO/IEC TR 19759:2016 Software Engineering -- Guide to the Software Engineering Body of

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

Knowledge (SWEBOK)

Author: IEEE (03-24-2020)

ISO/IEC TR 24587:2021, Software and systems engineering--Agile development--Agile adoption considerations

Author: ISO JTC 1/SC7 (08-01-2022)

ISO/IEC TR 24766:2009 Information technology--Systems and software engineering--Guide for requirements engineering tool capabilities

Author: ISO JTC 1/SC7 (12-29-2011)

ISO/IEC TR 29119-11:2020, Software and systems engineering--Software testing--Part 11: Guidelines on the testing of AI-based systems

Author: ISO/IEC JTC 1 (03-28-2021)

ISO/IEC TR 29119-13:2022, Software and systems engineering Software testing Part 13: Using the ISO/IEC/IEEE 29119 series in the testing of biometric systems

Author: ISO/IEC JTC 1 (02-28-2024)

ISO/IEC TR 33014:2013 Information technology--Process assessment--Guide for process improvement

Author: ISO JTC 1/SC7 (02-18-2014)

ISO/IEC TR 33015:2019 Information technology--Process assessment--Guidance for process risk determination

Author: ISO/IEC JTC 1 (03-24-2020)

ISO/IEC TR 7052:2023, Software engineering--Controlling frequently occurring risks during development and maintenance of custom software

Author: ISO/IEC JTC 1 (08-18-2024)

ISO/IEC TS 19770-10:2025, Information technology IT asset management Part 10: Guidance for implementing ITAM

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

Author: ISO/IEC JTC 1 (12-02-2025)

ISO/IEC TS 25011:2017 Information technology--Systems and software Quality Requirements and Evaluation (SQuaRE)--Service quality models

Author: ISO/IEC JTC 1 (02-21-2018)

ISO/IEC TS 25025:2021, Information technology--Systems and software Quality Requirements and Evaluation (SQuaRE)--Measurement of IT service quality

Author: ISO/IEC JTC 1 (03-31-2021)

ISO/IEC TS 25052-1:2022, Systems and software engineering--Systems and software Quality Requirements and Evaluation (SQuaRE): cloud services--Part 1: Quality model

Author: ISO/IEC JTC 1 (08-01-2022)

ISO/IEC TS 33064:2025, Information technology Process assessment Process assessment model for safety processes

Author: ISO/IEC JTC 1 (12-03-2025)

ISO/IEC/IEEE 12207:2026 Systems and software engineering--Software life cycle processes

Author: ISO/IEC/IEEE (12-04-2025)

ISO/IEC/IEEE 14764:2021, Software engineering -- Software life cycle processes -- Maintenance

Author: ISO/IEC/IEEE (07-27-2022)

ISO/IEC/IEEE 15026-1:2025 Systems and software engineering--Systems and software assurance--Part 1: Vocabulary and concepts

Author: ISO/IEC/IEEE (02-18-2026)

ISO/IEC/IEEE 15026-2:2022, Systems and software engineering Systems and software assurance Part 2: Assurance case

Author: ISO/IEC/IEEE (08-29-2023)

ISO/IEC/IEEE 15026-3:2023, Systems and software engineering--Systems and software assurance--Part 3: System integrity levels

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

Author: ISO/IEC/IEEE (08-25-2024)

ISO/IEC/IEEE 15026-4:2021, Systems and software engineering Systems and software assurance
Part 4: Assurance in the life cycle

Author: ISO/IEC/IEEE (04-07-2022)

ISO/IEC/IEEE 15288:2023 Systems and software engineering--System life cycle processes

Author: ISO/IEC/IEEE (08-28-2023)

ISO/IEC/IEEE 15289:2019 Systems and software engineering--Content of life-cycle information items
(documentation)

Author: ISO/IEC/IEEE (03-19-2020)

ISO/IEC/IEEE 15939:2017 Systems and software engineering--Measurement process

Author: ISO JTC 1/SC7 (08-31-2017)

ISO/IEC/IEEE 16085:2021 Systems and software engineering--Life cycle processes--Risk
management

Author: ISO/IEC JTC 1 (03-30-2021)

ISO/IEC/IEEE 16326:2019 Systems and software engineering -- Life cycle processes -- Project
management

Author: ISO/IEC/IEEE (03-21-2020)

ISO/IEC/IEEE 21839:2019 Systems and software engineering-- System of systems (SoS)
considerations in life cycle stages of a system

Author: ISO/IEC JTC 1 (03-24-2020)

ISO/IEC/IEEE 21840:2019 Systems and software engineering--Guidelines for the utilization of
ISO/IEC/IEEE 15288 in the context of system of systems (SoS)

Author: ISO/IEC/IEEE (03-26-2020)

ISO/IEC/IEEE 21841:2019 Systems and software engineering--Taxonomy of systems of systems

Author: ISO/IEC/IEEE (03-24-2020)

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth
Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

ISO/IEC/IEEE 23026:2023 Systems and software engineering--Engineering and management of websites for systems, software, and services information

Author: ISO/IEC/IEEE (08-17-2024)

ISO/IEC/IEEE 24641:2023. Systems and Software engineering--Methods and tools for model-based systems and software engineering

Author: ISO/IEC/IEEE (08-25-2024)

ISO/IEC/IEEE 24748-10:2026, Systems and software engineering Life cycle management Part 10: Guidelines for systems engineering agility

Author: ISO/IEC/IEEE (04-10-2026)

ISO/IEC/IEEE 24748-1:2024, Systems and software engineering--Life cycle management--Part 1: Guidelines for life cycle management

Author: ISO/IEC/IEEE (08-19-2024)

ISO/IEC/IEEE 24748-4:2026 Systems and software engineering-Life cycle management-Part 4: Systems engineering management planning

Author: ISO/IEC/IEEE (02-16-2026)

ISO/IEC/IEEE 24748-5:2017 Systems and software engineering--Life cycle management--Part 5: Software development planning

Author: ISO/IEC/IEEE (02-02-2021)

ISO/IEC/IEEE 24748-6:2023 Systems and software engineering Life cycle management Part 6: System and software integration

Author: ISO/IEC/IEEE (08-17-2024)

ISO/IEC/IEEE 24748-7:2026, Systems and software engineering -- Life cycle management -- Part 7: Application of systems engineering on defence programs

Author: ISO/IEC/IEEE (02-27-2026)

ISO/IEC/IEEE 24748-8:2026, Systems and software engineering Life cycle management Part

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

8: Technical reviews and audits on defence programs

Author: ISO/IEC/IEEE (08-12-2026)

ISO/IEC/IEEE 24748-9:2023, Systems and software engineering Life cycle management Part 9:
Application of system and software life cycle processes in epidemic prevention and control systems

Author: ISO/IEC/IEEE (08-17-2024)

ISO/IEC/IEEE 24765:2017 Systems and software engineering--Vocabulary

Author: ISO/IEC/IEEE (09-08-2016)

ISO/IEC/IEEE 24765:2017 Systems and software engineering-Vocabulary

Author: ISO/IEC/IEEE (09-09-2016)

ISO/IEC/IEEE 24765a:2011

Author: IEEE (05-22-2012)

ISO/IEC/IEEE 24765b:2013

Author: ISO/IEC/IEEE (02-16-2013)

ISO/IEC/IEEE 24765c:2014

Author: ISO JTC 1/SC7 (02-09-2014)

ISO/IEC/IEEE 24765d:2015

Author: ISO/IEC/IEEE (09-08-2016)

ISO/IEC/IEEE 24765e:2015

Author: ISO/IEC/IEEE (08-03-2015)

ISO/IEC/IEEE 24765f:2016

Author: ISO/IEC/IEEE (09-08-2016)

ISO/IEC/IEEE 24765g:2018

Author: ISO/IEC/IEEE (02-19-2018)

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

ISO/IEC/IEEE 24765h:2019

Author: ISO/IEC/IEEE (03-18-2019)

ISO/IEC/IEEE 24765i:2020

Author: ISO/IEC/IEEE (03-19-2020)

ISO/IEC/IEEE 24765j:2021

Author: ISO/IEC JTC 1 (01-17-2021)

ISO/IEC/IEEE 24765k:2022

Author: ISO JTC 1/SC7 (05-29-2022)

ISO/IEC/IEEE 24765l:2024

Author: ISO/IEC/IEEE (02-29-2024)

ISO/IEC/IEEE 24765m:2024

Author: IEEE (08-24-2024)

ISO/IEC/IEEE 24765n:2026

Author: ISO/IEC/IEEE (02-16-2026)

ISO/IEC/IEEE 24774:2021, Systems and software engineering--Life cycle management--Specification for process description

Author: ISO/IEC/IEEE (04-02-2021)

ISO/IEC/IEEE 26511:2018 Systems and software engineering--Requirements for managers of information for users of systems, software, and services

Author: ISO/IEC/IEEE (04-03-2019)

ISO/IEC/IEEE 26512:2018 Systems and software engineering--Requirements for acquirers and suppliers of information for users

Author: ISO/IEC/IEEE (05-21-2021)

ISO/IEC/IEEE 26513:2017 Systems and software engineering--Requirements for testers and

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

reviewers of information for users

Author: ISO/IEC/IEEE (02-20-2018)

ISO/IEC/IEEE 26514:2022, Systems and software engineering -- Design and development of information for users

Author: ISO JTC 1/SC7 (07-31-2022)

ISO/IEC/IEEE 26515: 2018 Systems and software engineering: Developing information for users in an agile environment

Author: ISO/IEC/IEEE (04-03-2019)

ISO/IEC/IEEE 26516:2026, Systems and software engineering Development and production of instructional videos

Author: ISO/IEC/IEEE (02-23-2026)

ISO/IEC/IEEE 26531:2023 Systems and software engineering -- Content management for product lifecycle, user and service management information for users

Author: ISO/IEC/IEEE (08-29-2023)

ISO/IEC/IEEE 29119-1:2022, Software and systems engineering--Software testing--Part 1: General concepts

Author: ISO/IEC/IEEE (07-31-2022)

ISO/IEC/IEEE 29119-2:2021, Software and systems engineering--Software testing--Part 2: Test processes

Author: ISO/IEC/IEEE (04-07-2022)

ISO/IEC/IEEE 29119-3:2021 Software and systems engineering--Software testing--Part 3: Test documentation

Author: ISO/IEC/IEEE (04-28-2022)

ISO/IEC/IEEE 29119-4:2021 Software and systems engineering -- Software testing -- Part 4: Test techniques

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

Author: ISO/IEC/IEEE (04-28-2022)

ISO/IEC/IEEE 29119-5:2024 Software and systems engineering--Software testing--Part 5: Keyword-driven testing

Author: ISO/IEC/IEEE (02-25-2025)

ISO/IEC/IEEE 29148:2018 Systems and software engineering-Life cycle processes-Requirements engineering

Author: ISO/IEC/IEEE (04-03-2019)

ISO/IEC/IEEE 31320-1:2012, Information technology -- Modeling Languages -- Part 1: Syntax and Semantics for IDEF0

Author: ISO/IEC/IEEE (05-27-2026)

ISO/IEC/IEEE 31320-2:2012, Information technology -- Modeling Languages -- Part 2: Syntax and Semantics for IDEF1X97 (IDEFObject)

Author: ISO/IEC/IEEE (05-27-2026)

ISO/IEC/IEEE 32430:2025, Software engineering Software non-functional size measurement

Author: ISO/IEC/IEEE (08-12-2026)

ISO/IEC/IEEE 41062:2024, Software engineering Life cycle processes Software acquisition

Author: ISO/IEC/IEEE (08-25-2024)

ISO/IEC/IEEE 42010:2022, Software, systems and enterprise Architecture description

Author: ISO/IEC/IEEE (08-30-2023)

ISO/IEC/IEEE 42020:2019 Software, systems and enterprise -- Architecture processes

Author: ISO/IEC/IEEE (03-24-2020)

ISO/IEC/IEEE 42030:2019 Software, systems, and enterprise--Architecture evaluation framework

Author: ISO/IEC/IEEE (03-24-2020)

ISO/IEC/IEEE 90003:2018 Software engineering -- Guidelines for the application of ISO 9001:2015 to

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.

computer software

Author: ISO/IEC/IEEE (04-03-2019)

Software Extension to the PMBOK(R) Guide Fifth Edition

Author: IEEE-CS/PMI (08-12-2026)

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: <http://www.techstreet.com/ieee>
Obtain PMI Standards: <http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide>

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.