Software and Systems Engineering Vocabulary

flowchart. (1) graphical representation of a process or the step-by-step solution of a problem, using suitably annotated geometric figures connected by flowlines for the purpose of designing or documenting a process or program *(ISO/IEC 2382:2015 Information technology -- Vocabulary)* (2) graphical representation of the definition, analysis, or method of solution of a problem in which symbols are used to represent operations, data, flow, equipment, etc *(ISO 5807:1985 Information processing -- Documentation symbols and conventions for data, program and system flowcharts, program network charts and system resources charts, 3.3)* (3) control flow diagram in which suitably annotated geometrical figures are used to represent operations, data, or equipment, and arrows are used to indicate the sequential flow from one to another *(ISO/IEC/IEEE 24765:2017 Systems and software engineering-Vocabulary)* (4) the depiction in a diagram format of the inputs, process actions, and outputs of one or more processes within a system *(A Guide to the Project Management Body of Knowledge (PMBOK(R) Guide) -- Sixth Edition) Syn:* flow chart, flow diagram *See also:* block diagram, box diagram, bubble chart, graph, input-process-output chart, structure chart

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.

1