

**version control. (1)** establishment and maintenance of baselines and the identification and control of changes to baselines that make it possible to return to the previous baseline (*ISO/IEC/IEEE 26511:2018 Systems and software engineering--Requirements for managers of information for users of systems, software, and services, 3.1.40*) See also: change control

**commit. (1)** to integrate the changes made to a developer's private view of the source code into a branch accessible through the version control system's repository (*ISO/IEC/IEEE 24765:2017 Systems and software engineering-Vocabulary*)

**repo surgery. (1)** changes made directly to the version control system's repository, bypassing the system's commands (*ISO/IEC/IEEE 24765:2017 Systems and software engineering-Vocabulary*) *Note:* Through repo surgery, a repo master can perform operations that the version control system does not directly support.

**change control. (1)** a process whereby modifications to documents, deliverables, or baselines associated with the project are identified, documented, approved, or rejected (*A Guide to the Project Management Body of Knowledge (PMBOK(R) Guide) -- Sixth Edition*) **(2)** actions taken to identify, document, review, and authorize changes to a product that is being developed (*ISO/IEC/IEEE 26514:2022, Systems and software engineering -- Design and development of information for users, 3.1.9*) See also: configuration control, version control

Obtain ISO Standards: [http://www.iso.org/iso/home/store/catalogue\\_ics.htm](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.