

SOLIDWORKS TEAMHUB FOR GIT® ADD-IN

COLLABORATE ON CAD WITH THE GIT® WORKFLOW YOUR TEAM ALREADY KNOWS

Store, lock and version-control SOLIDWORKS files in your team's GitHub® repository without ever leaving SOLIDWORKS®.

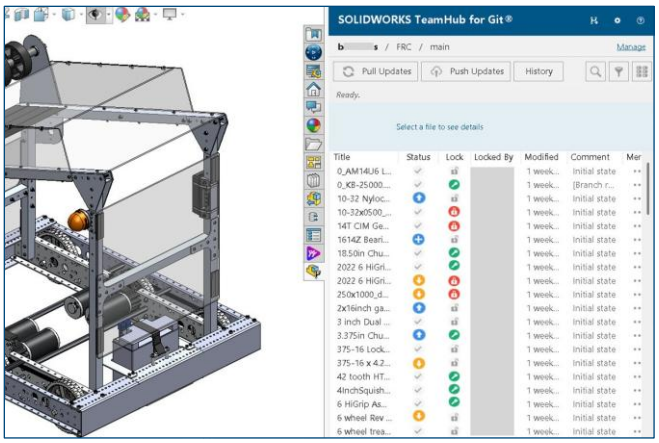
OVERVIEW

SOLIDWORKS TeamHub is an add-in that integrates the Git workflow directly into SOLIDWORKS Design. From the TeamHub for Git tab in the Task Pane, student teams connect to their GitHub repository, push and pull files, lock files while they edit, review history, and see automatic status updates for files their teammates modify or upload. Built for student design teams, it helps everyone work from the latest version of every file. TeamHub is included in all student and education licenses with SOLIDWORKS 2027. The add-in is installed and disabled by default; users enable it from the add-ins menu and install Git separately when prompted during setup if Git is not already installed. It is recommended update all files to the latest version of SOLIDWORKS prior to using TeamHub.

TeamHub Training Video | TeamHub Help Documentation

KEY CAPABILITIES

- Ability to **Connect** a local working folder to your team's GitHub repository and **Check Out** all SOLIDWORKS files and subfolders.
- Ability to **Pull** and **Push** updates to the latest files; status icons show what is new, ahead, behind or in conflict. Push files to your repository with a commit message.
- Ability to **Lock** files while you edit so no one else can change them. See who is working on each file and allow administrators to force-release a lock when needed.
- Ability to create **Branches** to try new ideas, then **Merge** the chosen branch back into the main stream.
- Ability to review file and branch **History** and revert to a previous version.



Pull, push and lock files from the TeamHub for Git tab.

WHY USE SOLIDWORKS TEAMHUB

Collaboration involves sharing CAD files across many people, computers, and deadlines. SOLIDWORKS TeamHub gives them a simple and dependable way to collaborate without leaving SOLIDWORKS. Everything runs through Git; TeamHub does not offer simultaneous co-editing of the same file, feature-by-feature merging, or file- and folder-level access control. All repository members can access every file, and new repositories can be connected via TeamHub as needed without limitations.

FREQUENTLY ASKED QUESTIONS

How do I send my changes to the team?

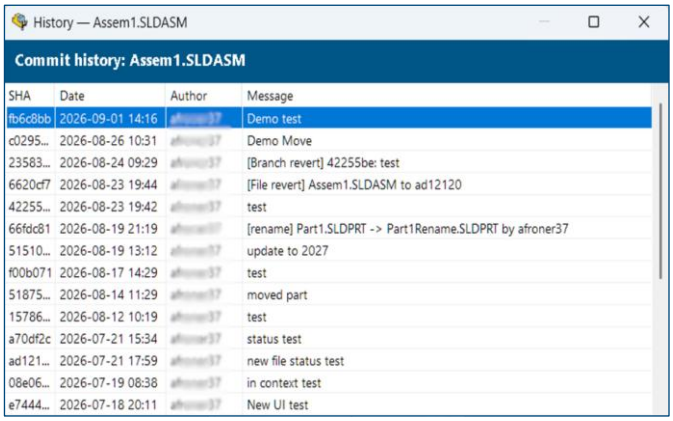
Save your work, close all open documents, then click Push Updates. A dialogue lists every file that is ready to push. Check the ones to include, enter a commit message, and the add-in commits and pushes them together.

How can I find the files I need?

Use the search bar at the top of the add-in. Filter by status or reorganize the list structure by assembly, flat, or folder layout.

Can I work without a network connection?

Partially. Pull, push, lock, and unlock will not function while the network is unavailable, and the panel shows the last lock and status information it had. You can still open files that are saved to your local working folder. The panel status updates when the connection is back.



Browse the commit history of a file or branch and revert to any version.

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Americas
Dassault Systèmes
175 Wyman Street
Waltham, Massachusetts
02451-1223
USA

Europe/Middle East/Africa
Dassault Systèmes
10, rue Marcel Dassault
CS 40501
78946 Vélizy-Villacoublay Cedex
France

Asia-Pacific
Dassault Systèmes K.K.
ThinkPark Tower
2-1-1 Osaki, Shinagawa-ku,
Tokyo 141-6020
Japan