COCALC ONPREM

Alternative to Overleaf and JupyterHub

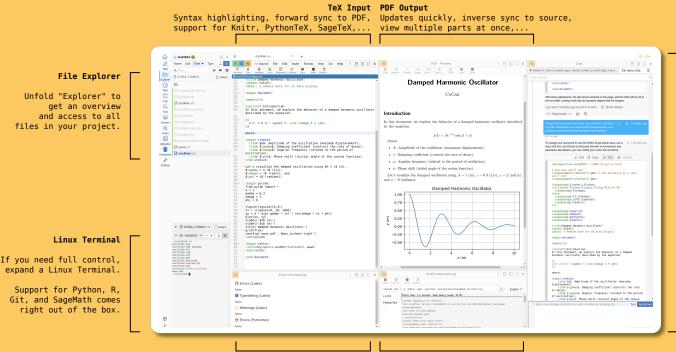
onprem.cocalc.com



CoCalc OnPrem is an enterprise grade commercial alternative to Overleaf

- ✓ Full real-time collaboration: edit the same files, see collaborators' cursors, chat with them.
- ✓ PythonTex/SageTeX/Knitr: add R, Python or Sage code to generate parts of you document.
- ✓ AI Assistant: generate document templates and math formulas, fix LaTeX errors, ask for text improvements, and more.
- ✓ TimeTravel: our unique automatic version control and backup system complements Git and supports collaboration.
- ✓ Extensive testing in our production environment, bugs are promptly fixed, and your questions are addressed.

Powerful, customizable, and collaborative LaTeX editor



Side Chat

Click on "Chat" to open a chat panel on the side.

Communicate with collaborators next to the document using @mentions.

You can also ask an AI LLM chatbot for help, fix bugs, rewrite a section, write TeX code....



Documentation

Errors and Warnings

Build Control: logs, customizable build command,...

Key Features

- ✓ Work in separate projects, flexible configurable workspaces.
- ✓ Real-time collaboration for all documents.
- ✓ LaTeX Editor, R/Quarto, Jupyter Notebooks, and Linux Terminal.
- $\ensuremath{\checkmark}$ Unified solution for research, teaching, and publishing.
- ✓ Deep integration with AI tools (LLMs).

Benefits

- ✓ Leverage existing infrastructure investments.
- ✓ Scalable architecture for performance.
- ✓ Battle-tested services for reliability.
- $\begin{cases} \begin{cases} \begin{cases}$
- ✓ Also works inside a secure VPN.



OnPrem Homepage

Technical Specifications

- ✓ Runs on a Kubernetes cluster.
- $\ensuremath{\boldsymbol{\checkmark}}$ Uses a $\ensuremath{\textbf{file-storage}}$ solution and $\ensuremath{\textbf{PostgreSQL}}.$
- ✓ Inherits security and scalability from our SaaS platform.
- ✓ Supports the full data science and scientific Python stack.
- ✓ Makes LaTeX, Python, R/Knitr/Quarto, SageMath, and more available.











CoCalc OnPrem combines the collaborative power of CoCalc with the **security and control** of **on-premises deployment**.

Thus making it the ideal solution for organizations with specific **infrastructure requirements** or **data privacy** concerns.

Contact **help@cocalc.com** to learn how to transform your organization's collaborative scientific computing capabilities.