

COCALC ONPREM

Alternative to JupyterHub, OverLeaf, and Slack

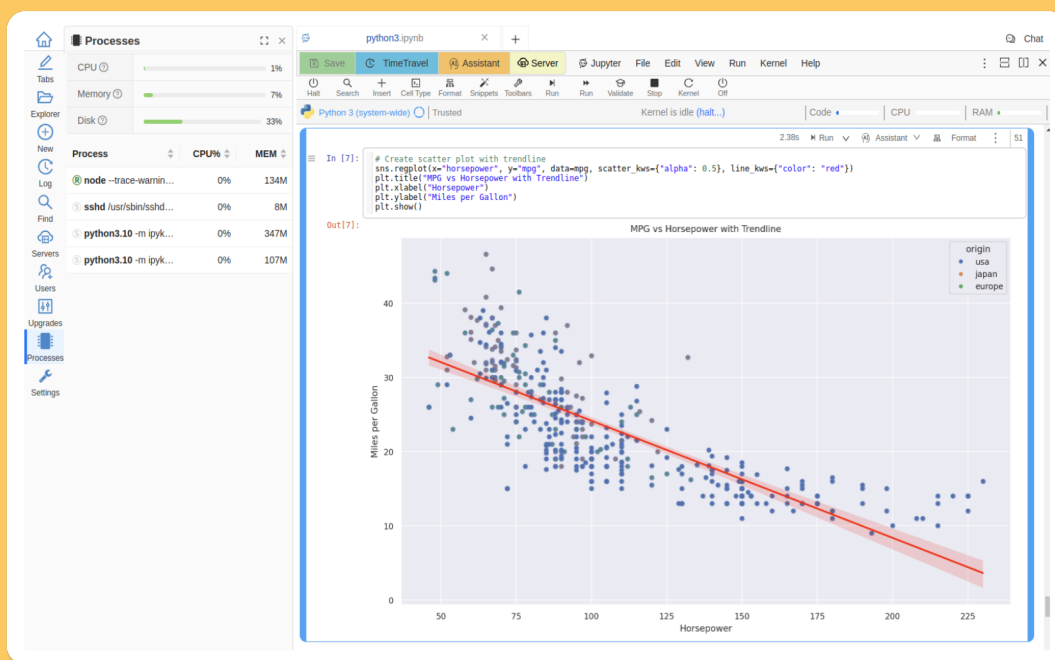
onprem.cocalc.com



CoCalc OnPrem is an enterprise grade commercial alternative to JupyterHub

- ✓ **Full real-time collaboration:** edit the same files, see collaborators' cursors, chat with them.
- ✓ **Server-side notebook state:** do not lose output when you are switching/restarting your browser.
- ✓ **IPyWidgets:** Support for standard and customized widgets. Collaborators see the same state of all widgets.
- ✓ **AI Assistant:** generate, fix, or improve code; translate between programming languages, 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.

Collaborative Calculation on your infrastructure



Key Features

- ✓ **Real-time collaboration** for all documents.
- ✓ **Jupyter Notebooks, R/Quarto, LaTeX Editor, and Linux Terminal.**
- ✓ **Unified solution for research, teaching, and publishing.**
- ✓ **Ubiquitous integration with AI tools (LLMs).**
- ✓ **Scalable architecture** for performance and reliability.

Benefits

- ✓ **Leverage existing infrastructure** investments.
- ✓ **Access everything "in one place".**
- ✓ **Data sovereignty** to follow compliance rules.
- ✓ **Meet specific regulatory requirements.**
- ✓ **Keep everything isolated inside a VPN.**



Technical Specifications

Runs on a **Kubernetes cluster**.
Uses a **file-storage** solution and **PostgreSQL**.
Inherits **security and scalability** from our SaaS platform.
Supports the full data science and scientific **Python** stack.
Makes **Julia, SageMath, R, LaTeX**, and more available to everyone.



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.