

# COCALC ONPREM

Alternative to JupyterHub, OverLeaf, and Slack

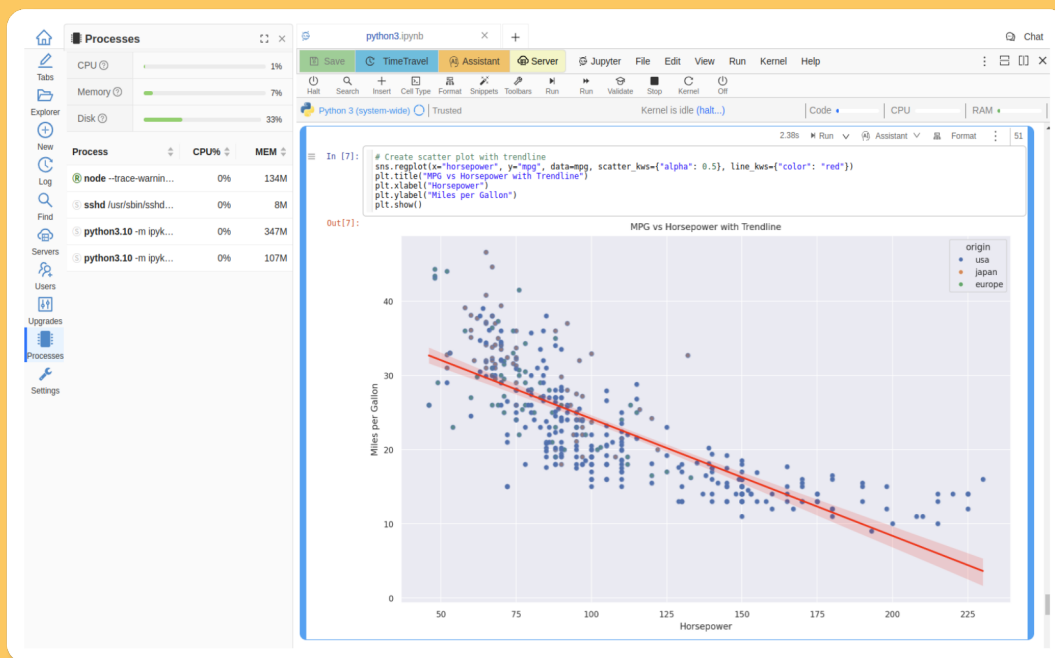
onprem.cocalc.com



## 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



Documentation

### 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.**



OnPrem Homepage

### 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](mailto:help@cocalc.com) to learn how to transform your organization's collaborative scientific computing capabilities.