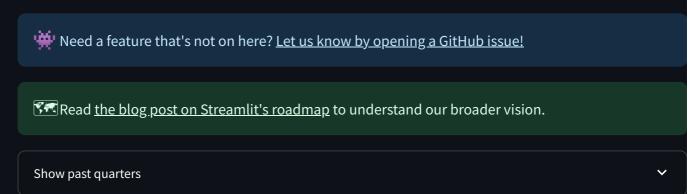
21/09/2024, 19:58 Roadmap

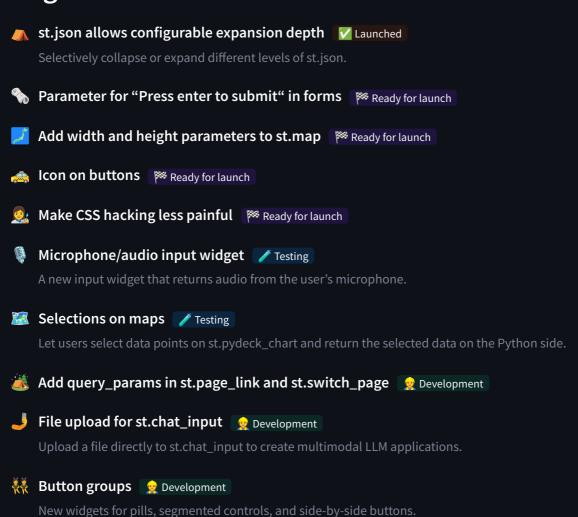


# Streamlit roadmap

Welcome to our roadmap! \*\* This app shows some projects we're working on or have planned for the future. Plus, there's always more going on behind the scenes — we sometimes like to surprise you \*\*



## Aug - Oct 2024



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Support Python 3.13 Planning
Set use\_container\_width=True by default Planning
Migrate fullscreen button to toolbar Planning

## Nov 2024 - Jan 2025

pathlib.Path support for file paths Planning

Support pathlib.Path objects across Streamlit commands that accept traditional strings and file objects today

- 3 Support Bokeh v3 👟 Planning
- Add border parameter to more elements 👞 Planning
- Better markdown arrows and dashes 🔊 Planning
- Improve client.showErrorDetails Planning
  Support more fine-grained values for the config option client.showErrorDetails.
- Markdown in st.table 👟 Planning
- Accept new items in st.selectbox and st.multiselect <a> Planning</a>
- Don't rerun when clicking st.download\_button
- Python API to read active theme information
- 🎀 Built-in charts: Better tooltip on hover
- Deferred data load for st.download\_button st.download\_button accepts a function, which is only executed once it's clicked.
- Authentication & st.user

Add authentication to your Streamlit app with a config file, and check via st.user which user is logged in.

Advanced theming

More theming parameters in config.toml, so you can adapt apps to your preferred design system.

Voice input for st.chat\_input

Capture audio with a microphone button in st.chat\_input, so you can send it to a multimodal LLM.

Top navigation bar

Show the pages of a multipage app at the top instead of in the sidebar.

### **Future**

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#### AppTest improvements

Support additional st commands and easier lookups

#### Speed + performance initiative

Make Streamlit run and seem faster.

#### Components v2

An improved API to create custom components.

#### T Chart builder

Build charts with a simple point-and-click interface, then add them as code to your app.

#### st.app\_state

A tiny NoSQL database for every app in Streamlit Cloud!

#### Data wrangler to Pandas code

Filter, pivot, aggregate your data right in the st.dataframe UI, then copy it as Pandas code to your app.

#### **3** Data wrangler

st.dataframe shows summary statistics and lets you filter, sort, pivot, aggregate, sort, etc.

- Expander/tabs: run only when opened
- Allow st.file\_uploader to return file path instead of UploadedFile
- Clickable examples for st.chat\_input

Add example prompts to st.chat\_input that users can click on

#### 🏰 Page icon

Easily add an emoji icon to the top of your page.

#### State and cache visualizer

Shows you which objects are in the cache and session state at any time

#### Streamlit lightweight profiler

A memory and runtime profiler right within Streamlit

#### Higher-level chat API