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st.sidebar

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Add widgets to sidebar

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Not only can you add interactivity to your app with widgets, you can organize them into a sidebar. Elements can be passed to `st.sidebar` using object notation and `with` notation.

The following two snippets are equivalent:

```
# Object notation st.sidebar.[element_name]
# "with" notation with st.sidebar: st.[element_name]
```

Each element that's passed to `st.sidebar` is pinned to the left, allowing users to focus on the content in your app.

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Tip

The sidebar is resizable! Drag and drop the right border of the sidebar to resize it! ⬌

Here's an example of how you'd add a selectbox and a radio button to your sidebar:

```
import streamlit as st # Using object notation add_selectbox = st.sidebar.selectbox( "How would you like to be contacted?", ("Email", "Home phone", "Mobile phone") ) # Using "with" notation with st.sidebar: add_radio = st.radio( "Choose a shipping method", ("Standard (5-15 days)", "Express (2-5 days)") )
```
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Important

The only elements that aren't supported using object notation are `st.echo`, `st.spinner`, and `st.toast`. To use these elements, you must use `with` notation.

Here's an example of how you'd add `st.echo` and `st.spinner` to your sidebar:

```
import streamlit as st import time with st.sidebar: with st.echo(): st.write("This code will be printed to the sidebar.") with st.spinner("Loading..."): time.sleep(5) st.success("Done!")
```
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