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st.sidebar



Add widgets to sidebar



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.

star

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)") ) )
priority_high
```

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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forum
```

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