

[Documentation](#)

search

Search

- [rocket launch](#)

[Get started](#)

- [Installation](#)
add
- [Fundamentals](#)
add
- [First steps](#)
add
- [code](#)

[Develop](#)

- [Concepts](#)
add
- [API reference](#)
remove
 - PAGE ELEMENTS

 - [Write and magic](#)
add
 - [Text elements](#)
add
 - [Data elements](#)
add
 - [Chart elements](#)
add
 - [Input widgets](#)
add
 - [Media elements](#)
add
 - [Layouts and containers](#)
add
 - [Chat elements](#)
add
 - [Status elements](#)
add
 - [Third-party components](#)*open in new*
 - APPLICATION LOGIC

 - [Navigation and pages](#)
remove
 - [st.navigation](#)
 - [st.Page](#)
 - [st.page_link](#)*link*
 - [st.switch_page](#)
 - [Execution flow](#)
add
 - [Caching and state](#)

add

- [Connections and secrets](#)

add

- [Custom components](#)

add

- [Utilities](#)

add

- [Configuration](#)

add

- TOOLS
-

- [App testing](#)

add

- [Command line](#)

add

- [Tutorials](#)

add

- [Quick reference](#)

add

- [web_asset](#)

[Deploy](#)

- [Concepts](#)

add

- [Streamlit Community Cloud](#)

add

- [Snowflake](#)

- [Other platforms](#)

add

- [school](#)

[Knowledge base](#)

- [FAQ](#)

- [Installing dependencies](#)

- [Deployment issues](#)

- [Home/](#)

- [Develop/](#)

- [API reference/](#)

- [Navigation and pages/](#)

- [st.Page](#)

st.Page



Streamlit Version 

Configure a page for `st.navigation` in a multipage app.

Call `st.Page` to initialize a `StreamlitPage` object, and pass it to `st.navigation` to declare a page in your app.

When a user navigates to a page, `st.navigation` returns the selected `StreamlitPage` object. Call `.run()` on the returned `StreamlitPage` object to execute the page. You can only run the page returned by `st.navigation`, and you can only run it once per app rerun.

A page can be defined by a Python file or callable. Python files used as a `StreamlitPage` source will have `__name__ == "__page__"`. Functions used as a `StreamlitPage` source will have `__name__` corresponding to the module they were imported from. Only the entrypoint file and functions defined within the entrypoint file have `__name__ == "__main__"` to adhere to Python convention.

Function signature[\[source\]](#)

`st.Page(page, *, title=None, icon=None, url_path=None, default=False)`

Parameters

page (str, Path, or callable) The page source as a `Callable` or path to a Python file. If the page source is defined by a Python file, the path can be a string or `pathlib.Path` object. Paths can be absolute or relative to the entrypoint file. If the page source is defined by a `Callable`, the `Callable` can't accept arguments.

title (str or None) The title of the page. If this is `None` (default), the page title (in the browser tab) and label (in the navigation menu) will be inferred from the filename or callable name in page. For more information, see [Overview of multipage apps](#).

An optional emoji or icon to display next to the page title and label. If `icon` is `None` (default), no icon is displayed next to the page label in the navigation menu, and a Streamlit icon is displayed next to the title (in the browser tab). If `icon` is a string, the following options are valid:

- A single-character emoji. For example, you can set `icon="🍌"`

icon (str or None) or `icon="🔥"`. Emoji short codes are not supported.

- An icon from the Material Symbols library (rounded style) in the

format `":material/icon_name:"` where "icon_name" is the name of the icon in snake case.

For example, `icon=":material/thumb_up:"` will display the Thumb Up icon. Find additional icons in the [Material Symbols](#) font library.

url_path (str or None) The page's URL pathname, which is the path relative to the app's root URL. If this is `None` (default), the URL pathname will be inferred from the filename or callable name in page. For more information, see [Overview of multipage apps](#).

The default page will have a pathname of `""`, indicating the root URL of the app. If you set `default=True`, `url_path` is ignored. `url_path` can't include forward slashes; paths can't include subdirectories.

default (bool) Whether this page is the default page to be shown when the app is loaded. If `default` is `False` (default), the page will have a nonempty URL pathname. However, if no default page is passed to `st.navigation` and this is the first page, this page will become the default page. If `default` is `True`, then the page will have an empty pathname and `url_path` will be ignored.

Returns

(`StreamlitPage`) The page object associated to the given script.

Example

```
import streamlit as st

def page2():
    st.title("Second page")

pg = st.navigation([
    st.Page("page1.py", title="First page", icon="🔥"),
    st.Page(page2, title="Second page", icon=":material/favorite:"),
])
pg.run()
```

StreamlitPage



Streamlit Version

A page within a multipage Streamlit app.

Use `st.Page` to initialize a `StreamlitPage` object.

Class description[\[source\]](#)

`StreamlitPage(page, *, title=None, icon=None, url_path=None, default=False)`

Methods

[run\(\)](#) Execute the page.

Attributes

`icon` (str) The icon of the page.

If no icon was declared in `st.Page`, this property returns `""`.

`title` (str) The title of the page.

Unless declared otherwise in `st.Page`, the page title is inferred from the filename or callable name. For more information, see [Overview of multipage apps](#).

The page's URL pathname, which is the path relative to the app's root URL.

`url_path` (str) Unless declared otherwise in `st.Page`, the URL pathname is inferred from the filename or callable name. For more information, see [Overview of multipage apps](#).

The default page will always have a `url_path` of `""` to indicate the root URL (e.g. homepage).

StreamlitPage.run



Streamlit Version

Execute the page.

When a page is returned by `st.navigation`, use the `.run()` method within your entrypoint file to render the page. You can only call this method on the page returned by `st.navigation`. You can only call this method once per run of your entrypoint file.

Function signature[\[source\]](#)

StreamlitPage.run()

←[Previous: st.navigation](#)[Next: st.page_link](#)→
forum

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