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- [st.experimental_user](#)

priority_high

Important

This is an experimental feature. Experimental features and their APIs may change or be removed at any time. To learn more, click [here](#).

st.experimental_user



Streamlit Version ▼

A read-only, dict-like object for accessing information about current user.

`st.experimental_user` is dependant on the host platform running the Streamlit app. If the host platform has not configured the function, it will behave as it does in a locally running app.

Properties can be accessed via key or attribute notation. For example, `st.experimental_user["email"]` or `st.experimental_user.email`.

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

`st.experimental_user()`

Methods

[to_dict\(\)](#) Get user info as a dictionary.

Attributes

If running locally, this property returns the string literal `"test@example.com"`.

If running on Streamlit Community Cloud, this property returns one of two values:

- email (str)
- `None` if the user is not logged in or not a member of the app's workspace. Such users appear under anonymous pseudonyms in the app's analytics.
 - The user's email if the user is logged in and a member of the app's workspace. Such users are identified by their email in the app's analytics.

Examples



The ability to personalize apps for the user viewing the app is a great way to make your app more engaging.

It unlocks a plethora of use-cases for developers, some of which could include: showing additional controls for admins, visualizing a user's Streamlit history, a personalized stock ticker, a chatbot app, and much more. We're excited to see what you build with this feature!

Here's a code snippet that shows extra buttons for admins:

```
# Show extra buttons for admin users. ADMIN_USERS = { 'person1@email.com', 'person2@email.com',
'person3@email.com' } if st.experimental_user.email in ADMIN_USERS: display_the_extra_admin_buttons()
display_the_interface_everyone_sees()
```

Show different content to users based on their email address:

```
# Show different content based on the user's email address. if st.experimental_user.email ==
'jane@email.com': display_jane_content() elif st.experimental_user.email == 'adam@foocorp.io':
display_adam_content() else: st.write("Please contact us to get access!")
```

Greet users with their name that's stored in a database:

```
# Greet the user by their name. if st.experimental_user.email: # Get the user's name from the
database. name = get_name_from_db(st.experimental_user.email) st.write('Hello, %s!' % name)
```

`st.experimental_user.to_dict`



Streamlit Version

Get user info as a dictionary.

This method primarily exists for internal use and is not needed for most cases. `st.experimental_user` returns an object that inherits from `dict` by default.

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

`st.experimental_user.to_dict()`

Returns

(Dict[str,str]) A dictionary of the current user's information.

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forum

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