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st.components.v1.declare_component



Streamlit Version ▼

Create a custom component and register it if there is a `ScriptRunContext`.

The component is not registered when there is no `ScriptRunContext`. This can happen when a `CustomComponent` is executed as standalone command (e.g. for testing).

To use this function, import it from the `streamlit.components.v1` module.

Warning

Using `st.components.v1.declare_component` directly (instead of importing its module) is deprecated and will be disallowed in a later version.

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

`st.components.v1.declare_component(name, path=None, url=None)`

Parameters

name (str)	A short, descriptive name for the component, like "slider".
path (str, Path, or None)	The path to serve the component's frontend files from. The path should be absolute. If <code>path</code> is <code>None</code> (default), Streamlit will serve the component from the location in <code>url</code> . Either <code>path</code> or <code>url</code> must be specified, but not both.
url (str or None)	The URL that the component is served from. If <code>url</code> is <code>None</code> (default), Streamlit will serve the component from the location in <code>path</code> . Either <code>path</code> or <code>url</code> must be specified, but not both.

Returns

(CustomComponent)	A <code>CustomComponent</code> that can be called like a function. Calling the component will create a new instance of the component in the Streamlit app.
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