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Dash Python **> FAQs**

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🐍 Frequently Asked Questions

Q: *How can I customize the appearance of my Dash app?*

A: Dash apps are rendered in the browser as modern standards-compliant web apps. This means that you can use CSS to style your Dash app as you would standard HTML.

All Dash HTML Components (`dash.html`) support inline CSS styling through a `style` attribute. An external CSS stylesheet can also be used to style Dash HTML Components and Dash Core Components (`dash.dcc`) by targeting the ID or class names of your components. Both Dash HTML Components and Dash Core Components accept the attribute `className`, which corresponds to the HTML element attribute `class`.

The **Dash HTML Components** section in the Dash User Guide explains how to supply Dash HTML Components with both inline styles and CSS class names that you can target with CSS style sheets. The **Adding CSS & JS and Overriding the Page-Load Template** section in the Dash Guide explains how you can link your own stylesheets to Dash apps.

Q: *How can I add JavaScript to my Dash app?*

A: You can add your own scripts to your Dash app, just like you would add a JavaScript file to an HTML document. See the **Adding CSS & JS and Overriding the Page-Load Template** section in the Dash Guide.

Q: *Can I make a Dash app with multiple pages?*

A: Yes! Dash has support for multi-page apps. See the **Multi-Page Apps and URL Support** section in the Dash User Guide.

Q: *How I can I organize my Dash app into multiple files?*

A: A strategy for doing this can be found in the **Multi-Page Apps and URL Support** section in the Dash User Guide.

Q: *How do I determine which* `Input` *has changed?*

A: See `dash.callback_context` in the **Advanced Callbacks** section.

Q: *Can I use Jinja2 templates with Dash?*

A: Jinja2 templates are rendered on the server (often in a Flask app) before being sent to the client as HTML pages. Dash apps, on the other hand, are rendered on the client using React. This makes these fundamentally different approaches to displaying HTML in a browser, which means the two approaches can't be combined directly. You can however integrate a Dash app with an existing Flask app such that the Flask app handles some URL endpoints, while your Dash app lives at a specific URL endpoint.

Q: *Can I use jQuery with Dash?*

A: For the most part, you can't. Dash uses React to render your app on the client browser. React is fundamentally different to jQuery in that it makes use of a virtual DOM (Document Object Model) to manage page rendering. Since jQuery doesn't speak React's virtual DOM, you can't use any of jQuery's DOM manipulation facilities to change the page layout, which is frequently why one might want to use jQuery. You can however use parts of jQuery's functionality that do not touch the DOM, such as registering event listeners to cause a page redirect on a keystroke.

In general, if you are looking to add custom clientside behavior in your application, we recommend encapsulating that behavior in a **custom Dash component**.

Q: *Where did those cool undo and redo buttons go?*

A: OK, mostly we got the opposite question: **How do I get rid of the undo/redo buttons**. While this feature is neat from a technical standpoint most people don't find it valuable in practice. As of Dash 1.0 the buttons are removed by default, no hacky CSS tricks needed. If you want them back, use `show_undo_redo`:

```
app = Dash(show_undo_redo=True)
```

Q: *I have more questions! Where can I go to ask them?*

A: The **Dash Community forums** is full of people discussing Dash topics, helping each other with questions, and sharing Dash creations. Jump on over and join the discussion.

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