



Star

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Dash Python > **Part 5. Publishing Your App**

Introducing Plotly Cloud — The easiest way to publish your Dash apps. [Learn more.](#)

Publishing Dash Apps

This is the final chapter of the essential Dash Fundamentals. The [previous chapter](#) covered how to share state between callbacks.

Now that you've got a handle on the basics, it's time to put your app into the hands of decision makers!

By default, Dash apps run on `localhost`, meaning that you can only access them on your own computer. To share a Dash app, you need to publish—or *deploy*—it to a server.

Plotly provides two platforms whose servers you can use to publish your app: **Plotly Cloud** and **Dash Enterprise**.

Plotly Cloud is managed by Plotly, whereas Dash Enterprise is a platform that your organization needs to install and manage.

Publishing to Plotly Cloud is faster, and you can get started for free.

Why Plotly Cloud?

✓ Drag and drop deployment

Deploy Dash apps with a simple drag and drop interface. No DevOps required.

✓ Secure sharing

Share your apps with teammates or customers with powerful access controls and authentication.

✓ Zero infrastructure management

Focus on your data science work while we handle hosting and reliability.

✓ Enterprise-grade security

Built with security best practices from the ground up to protect your data and Dash apps.

✓ Tailor-made for Dash

The platform is optimized specifically for Dash apps, with a streamlined flow to upload your project files and manage project dependencies.

✓ Simplified app management

Monitor and manage your apps through an intuitive dashboard with detailed logs and status updates.

Publishing to Plotly Cloud

This guide shows how to publish to Plotly Cloud from a running Dash app. You can also publish an app by uploading files directly at <https://cloud.plotly.com>. See [Publishing from Local Files](#) for more details.

Note: The total size of your app files must be less than 200 MiB when publishing from dev tools or less than 80 MiB when uploading directly at cloud.plotly.com.

To publish your app to Plotly Cloud:

1. Create an account if you don't have one already: <https://cloud.plotly.com/>
2. Install the Plotly Cloud extension:

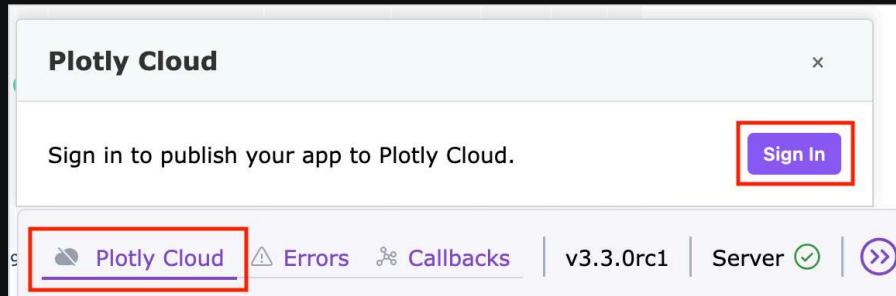
```
pip install "dash[cloud]"
```

3. Run your app in debug mode by setting `debug=True` on `app.run` in your app code:

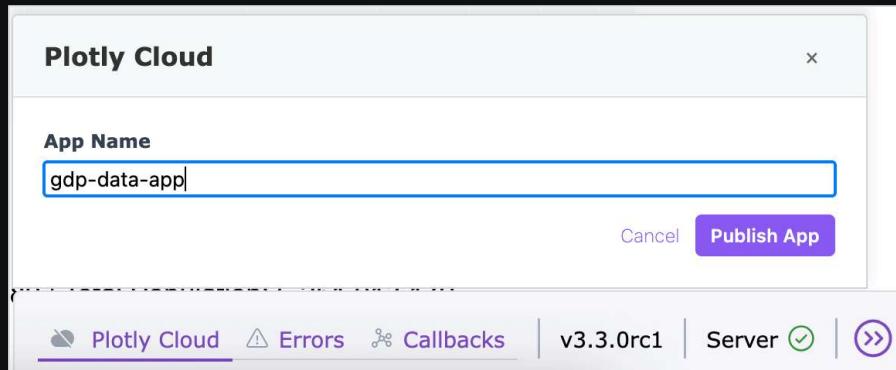
```
app.run(debug=True)
```

When run in debug mode, a Dash app has a dev tools panel with tools for debugging and publishing an app to Plotly Cloud.

4. Select **Plotly Cloud** in the dev tools UI and select **Sign In**.



5. Authenticate to Plotly Cloud in the browser tab that opens.
6. Return to your running Dash app in the browser, give the app a name, and select **Publish App**. Once your app builds and starts, you'll see an *App is live* message. Select **View App** to see it on Plotly Cloud.



7. (Optional) To share your app with others, configure who can view it from the Cloud UI by selecting **Open Settings in Plotly Cloud**, going to the **Sharing** tab, and changing the app visibility:

App visibility

 **Public** Anyone with the link can view

 **Private** Only shared users can view

Share with users

Enter email addresses (comma separated)

Share

Enter one or more email addresses separated by commas

Not shared with any users

App URL

<https://hello-wider-world.plotly.app>

 Copy link

Users will need to create a Plotly Cloud account and log in with the shared email to view the app.

The Plotly Cloud extension ignores certain files and folders when publishing to Cloud, for example, virtual environments. Configure additional files or folders to ignore using a `.gitignore` file in your app folder.

Publishing to Dash Enterprise

Dash Enterprise is Plotly's premier product for developing and deploying Dash apps. It provides a complete analytical app stack, including:

- **LDAP and SAML authentication middleware**
- **Data app Workspaces**
- **Job queue support**
- **Enterprise-wide Dash app Portal**
- **Design Kit**
- **Reporting, alerting, saved views, and PDF reports**
- **Embedding Dash apps in existing websites or Salesforce**
- **AI App Catalog**

- o **Big Data best practices**

[Learn more about Dash Enterprise](#) or [get in touch](#).

If your organization has already licensed and installed Dash Enterprise, you can head to the [Dash Enterprise guide](#) to get started.

For detailed requirements to deploy your app to Dash Enterprise, see [Preparing Your App for Dash Enterprise](#).



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