

CTBA

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1 How to Deploy a Dash App to Render.com (and Publish HTML via docs/)

2 Overview

- This guide explains how to:
 - Prepare and run a Dash app locally
 - Deploy it to Render.com using Gunicorn
 - Fix common deployment issues
 - Publish an HTML version of a Python file (or this guide) via GitHub Pages
 - Use a docs/ folder to host HTML with GitHub Pages

3 Live Example (Embedded Iframe)

- This shows a hosted Dash app inside the HTML output of this page.
- Replace the src URL with your own Render app link if different.

```
<iframe src="https://ctba-oror.onrender.com/" title="Live Dash App on Render" style="width:100%; height:100%; border:none;">
```

1) Prepare Your Dash App

- Ensure your main Python file defines: `server = app.server`
- The Gunicorn start command on Render must match your filename and server variable exactly

```
from dash import Dash, html

app = Dash(__name__)
server = app.server # Required for Gunicorn in production

wm_green = "#115740"

app.layout = html.Div([
    html.H1("Hello from Dash on Render!", style={"color": wm_green, "textAlign": "center"})
])

if __name__ == "__main__":
    app.run(debug=False)
```

<IPython.lib.display.IFrame at 0x23928fadfd0>

- Example mapping:
 - File: LiveDash.py -> Start command: `gunicorn LiveDash:server`
 - File: electricity.py -> Start command: `gunicorn electricity:server`

2) Add Required Files

- Create a requirements.txt listing dependencies (add any others you import).