# Checklist for Running Dev environment.

## Expedited Checklist

|  |  |
| --- | --- |
| **Launch frontend** | **Open powershell** |
| **Launch frontend** | **cd to yellow rhino directory** |
| **Launch frontend** | **cd frontend** |
| **Launch frontend** | **npm start** |
| **Launch frontend** | **If port is busy and asked to run on another say yes** |
| **Launch backend** | **Open new powershell** |
| **Launch backend** | **cd to yellow rhino directory** |
| **Launch backend** | **cd backend** |
| **Launch backend** | **python manage.py runserver** |

# Checklist for Deploying Updates to Heroku with Docker

## Expedited Checklist (Replace frontend with backend for backend changes)

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| --- | --- |
| **Git Commit** | **git add .** |
| **Git Commit** | **git commit -m "Describe your changes here"** |
| **Git Commit** | **git push origin main** |
| **Go to Front/Back end** | **cd path/to/yellow\_rhino/frontend** |
| **Docker Image** | **docker build -t frontend-yellow-rhino** |
| **Docker tag to Heroku** | **docker tag frontend-yellow-rhino registry.heroku.com/frontend-yellow-rhino/web** |
| **Docker Push to Heroku** | **docker push registry.heroku.com/frontend-yellow-rhino/web** |
| **Heroku Container Release** | **heroku container:release web -a frontend-yellow-rhino** |
| **Open Website** | **heroku open -a frontend-yellow-rhino** |
| **Who knows? Logs?** | **heroku logs --tail -a frontend-yellow-rhino** |

## Detailed Checklist

1. **Prepare Your Application**
   * **Make necessary changes to your application (e.g., update the logo).**
   * **Test your changes locally to ensure everything works as expected.**
2. **Commit Changes to Git (If Applicable)**
   * **git add . to stage your changes.**
   * **git commit -m "Describe your changes here" to commit your staged changes.**
   * **git push origin main to push your changes to the remote repository.**
3. **Build Your Docker Image**
   * **Navigate to the frontend directory: cd path/to/yellow\_rhino/frontend.**
   * **Build the Docker image: docker build -t frontend-yellow-rhino ..**
4. **Tag Your Docker Image for Heroku**
   * **Tag the image for Heroku: docker tag frontend-yellow-rhino registry.heroku.com/frontend-yellow-rhino/web.**
5. **Push Your Docker Image to Heroku**
   * **Push the image to Heroku: docker push registry.heroku.com/frontend-yellow-rhino/web.**
6. **Release the Docker Container on Heroku**
   * **Release the container: heroku container:release web -a frontend-yellow-rhino.**
7. **Verify the Deployment**
   * **Open your app to check the updates: heroku open -a frontend-yellow-rhino.**
   * **If necessary, review logs for any deployment issues: heroku logs --tail -a frontend-yellow-rhino.**

**Additional Tips**

* **Environment Variables: If your update requires changes to environment variables, don't forget to update them on Heroku.**
* **Database Migrations: If your update involves database changes, ensure you run migrations as part of your deployment process.**
* **Static Files: For Django applications, ensure static files are properly handled and served, especially when deploying updates that include changes to static assets like logos.**

**This checklist should help streamline your deployment process for future updates to your Heroku app. If you encounter any issues or have questions about specific steps, feel free to ask for further assistance.**