

ComicBookStockExchange.com Deployment Summary

1. Context:

- User is building and deploying a React + Vite project called sb1-giug5s22.
 - Main goal: run and display a functional `<NewsTicker />` and `<Learn />` component on <http://comicbookstockexchange.com>.

2. Problems Faced:

- Build failures caused by malformed JSX (e.g., improper use of `className`).
- Missing npm "dev" script led to confusion about server startup.
- Vite port usage and deployment to nginx web root were unclear.
- CSS styling, animation issues, and Tailwind setup were not fully applied.
- Components like `Learn` were not rendering or imported correctly.
- Repeated overwrite of deployment scripts made history hard to track.

3. Fixes Implemented:

- Created `injectLearnAndDeploy.js`:
 - Backs up the original `NewsTicker.tsx`.
 - Injects debug-ready `NewsTicker` content and marquee CSS.
 - Ensures consistent import of `NewsTicker` across files.
 - Adds `<Learn />` to `Layout.tsx`'s main section.
 - Builds the Vite project and deploys it to `/var/www/html`.
 - Restores backup on failure and logs all steps to `ticker-deploy.log`.
- Standardized port to 5173.
- Ensured `open` and `vite` are installed before running.

4. Results:

- Final deployed site: <http://comicbookstockexchange.com>.
- Includes <NewsTicker /> and <Learn />.
- Styles and animations updated via Tailwind CSS.

5. Recommendations:

- Add "dev" script to package.json for local development:

```
"scripts": {  
  "dev": "vite"  
}
```

- Automate log tracking with timestamps.
- Back up deployment logs externally.
- Refactor for CI/CD if frequent updates are expected.