

# Quick Start: Pull Changes and Fix Deployment

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This guide will help you pull the latest deployment fixes and get your application running.

## Prerequisites

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- Git installed on your system
- Node.js and npm installed
- Access to your Sports-Bar-TV-Controller repository

## Step 1: Pull Latest Changes

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Open your terminal and navigate to your project directory, then pull the latest changes:

```
cd /path/to/Sports-Bar-TV-Controller
git pull origin main
```

## Step 2: Run the Fix Script

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We've created an automated fix script that will:

- Install all dependencies
- Apply database fixes
- Fix port scoping issues
- Update API routes
- Build the application

Run the script:

```
chmod +x fix_deployment.sh
./fix_deployment.sh
```

The script will:

1.  Install npm dependencies
2.  Apply all necessary fixes
3.  Build the production version
4.  Display a summary of changes

## Step 3: Verify the Application

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After the script completes successfully, start your application:

```
npm run dev
```

Then open your browser and navigate to:

```
http://localhost:3000
```

## What Was Fixed

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The deployment fixes included:

### 1. Database Type Bindings

- Fixed Date to ISO string conversions
- Updated all database queries to use proper Drizzle ORM syntax
- Corrected timestamp handling across all models

### 2. Port Variable Scoping

- Fixed global port variable conflicts
- Properly scoped port variables in device services
- Ensured each service manages its own port state

### 3. API Route Updates

- Updated channel-presets routes
- Fixed QA training statistics
- Corrected device configuration endpoints
- Updated audio control endpoints

### 4. Syntax Fixes

- Fixed comment syntax in multiple files
- Corrected TypeScript type annotations
- Updated import statements

## Troubleshooting

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### Build Fails

If the build fails, check the error message and ensure:

- All dependencies are installed ( `npm install` )
- Your Node.js version is compatible (v18 or higher recommended)
- The database file exists at `./prisma/data/sports_bar.db`

### Port Already in Use

If you see “Port already in use” errors:

1. Stop any running instances of the app
2. Check for processes using ports 3000-3010
3. Restart the application

### Database Issues

If you encounter database errors:

1. Ensure the database file exists: `./prisma/data/sports_bar.db`
2. Check database permissions
3. Run database migrations if needed: `npm run db:migrate`

## Additional Resources

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- [DEPLOYMENT\\_GUIDE.md](#) (./DEPLOYMENT\_GUIDE.md) - Complete deployment documentation
- [DEPLOYMENT\\_SUMMARY.pdf](#) (./DEPLOYMENT\_SUMMARY.pdf) - Visual summary of all fixes
- [README.md](#) (./README.md) - Project overview and setup

## Need Help?

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If you encounter any issues:

1. Check the console output for specific error messages
2. Review the logs in the terminal
3. Ensure all environment variables are set correctly
4. Verify your `.env.local` file has the correct configuration

## Success!

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Once everything is running, you should see:

-  Application running on `http://localhost:3000`
-  All pages loading correctly
-  No console errors
-  Database connections working

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**Repository:** <https://github.com/dfultonthebar/Sports-Bar-TV-Controller>