

# Update Script Enhancement - Summary

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## ✓ Tasks Completed

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### 1. PR #1 Merged Successfully

- **PR:** Fix Soundtrack API Basic Authentication - Resolve 401 Unauthorized Errors
- **Status:** ✓ Merged to main branch
- **Commit SHA:** 2f4d66bbe1008171c2c449046b988fa203cf3267
- **Impact:** Resolves all 401 Unauthorized errors with Soundtrack API

### 2. Update Script Enhanced

- **Branch:** update-script-improvements
- **PR #2:** <https://github.com/dfultonthebar/Sports-Bar-TV-Controller/pull/2>
- **Status:** ⌚ Ready for review (DO NOT merge automatically)

## 🎯 Key Improvements to Update Script

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### Critical Fix: Yarn vs npm

**Problem:** The old script always used `npm install`, which broke dependencies in a Yarn-managed project.

**Solution:** Automatic detection and proper usage of Yarn:

```
# Detects yarn.lock → uses Yarn
# Detects package-lock.json → uses npm
# Installs Yarn if needed
# Safe fallback to npm
```

### Smart Dependency Management

**Before:** Always ran `npm install` (slow, risky)

**Now:** Only installs when `package.json` or lock files change

- Calculates MD5 hashes before/after git pull
- Skips installation if no changes detected
- Uses `yarn install --frozen-lockfile` for exact versions
- Saves time and prevents breaking working dependencies

### Graceful Server Management

**Stopping:**






- Finds process on port 3000
- Sends SIGTERM for graceful shutdown
- Waits up to 10 seconds
- Force kills only if necessary

**Starting:**

- Uses `nohup` for background execution








- Waits up to 30 seconds for server to respond
- Verifies HTTP requests are working

## Enhanced Safety

-  Comprehensive error handling with traps
-  Timestamped logging to `update.log`
-  Automatic backups (keeps last 7)
-  Server verification after restart
-  Preserves all user data and configuration



## Comparison: Old vs New

Feature	Old Script	New Script
Package Manager	Always npm ❌	Auto-detects Yarn/npm 
Dependency Install	Always runs ❌	Only when needed 
Server Stop	Basic pkill ❌	Graceful with timeout 
Server Start	Simple background ❌	Verified startup 
Error Handling	Basic ❌	Comprehensive 
Logging	Console only ❌	File + console 
Safety Checks	Minimal ❌	Extensive 



## Documentation Created

### UPDATE\_SCRIPT\_DOCUMENTATION.md

Comprehensive guide including:

- Detailed explanation of all features
- Usage instructions and examples
- Troubleshooting guide
- Technical implementation details
- Safety features summary
- Best practices



## Important Links

- **PR #2 (Update Script):** <https://github.com/dfultonthebar/Sports-Bar-TV-Controller/pull/2>
- **Code Editor:** Available in the UI to review changes
- **GitHub App Permissions:** [https://github.com/apps/abacusai/installations/select\\_target](https://github.com/apps/abacusai/installations/select_target)

## Important Notes

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### DO NOT Merge PR #2 Automatically

The update script PR should be:

1. **Reviewed** by you first
2. **Tested** in your environment
3. **Merged manually** when you're ready

### Testing Recommendations

Before merging PR #2, test:

#### 1. Basic Update:

```
bash
cd /home/ubuntu/Sports-Bar-TV-Controller
git fetch origin
git checkout update-script-improvements
./update_from_github.sh
```

#### 2. Verify Yarn Detection:

- Should detect `yarn.lock`
- Should use `yarn install --frozen-lockfile`

#### 3. Test Smart Dependencies:

- Run script twice in a row
- Second run should skip dependency installation

#### 4. Check Server Restart:

- Verify server stops gracefully
- Verify server starts and responds

## Safety Features

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### What's Protected

- ✓ Database ( `prisma/dev.db` )
- ✓ Configuration files ( `config/*.local.json` )
- ✓ Environment variables ( `.env` )
- ✓ Data files ( `data/*.json` )
- ✓ User uploads ( `uploads/` )

### Automatic Backups

- Created before every update
- Timestamped: `config-backup-YYYYMMDD-HHMMSS.tar.gz`
- Location: `/home/ubuntu/sports-bar-backups/`
- Retention: Last 7 backups kept automatically

### Restore from Backup

```
cd /home/ubuntu/Sports-Bar-TV-Controller
tar -xzf /home/ubuntu/sports-bar-backups/config-backup-YYYYMMDD-HHMMSS.tar.gz
```



## Next Steps

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1. **Review PR #2** in GitHub or the Code Editor UI
2. **Test the improved script** in your environment
3. **Merge PR #2** when satisfied with testing
4. **Use the new script** for future updates:

```
bash
```

```
./update_from_github.sh
```

5. **Monitor logs** after updates:

```
bash
```

```
tail -f update.log
```

```
tail -f server.log
```



## Benefits

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After merging PR #2, you'll have:

- ✓ **No more npm/Yarn conflicts** - Automatic detection and proper usage
- ✓ **Faster updates** - Skip dependency installation when not needed
- ✓ **Safer updates** - Comprehensive error handling and backups
- ✓ **Better visibility** - Detailed logging of all operations
- ✓ **Graceful restarts** - No more abrupt server kills
- ✓ **Verified deployments** - Confirms server is working after update



## Support

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If you encounter any issues:

1. Check `update.log` for detailed error messages
2. Check `server.log` for application errors
3. Review the documentation in `UPDATE_SCRIPT_DOCUMENTATION.md`
4. Restore from backup if needed
5. Contact support with log files

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**Date:** October 1, 2025

**Status:** PR #1 merged ✓ | PR #2 ready for review ⌚

**Action Required:** Review and test PR #2 before merging