

Music U Scheduler - Download & Update Guide

Quick Download (New Users)

Method 1: Direct Download Script

```
# Download and run the installer in one command
curl -L https://raw.githubusercontent.com/dfultonthebar/Music-U-Scheduler/main/download-update.sh | bash
```

Method 2: Manual Download

```
# Clone the repository
git clone https://github.com/dfultonthebar/Music-U-Scheduler.git
cd Music-U-Scheduler

# Run the installer
chmod +x download-update.sh
./download-update.sh
```

Update Existing Installation

If you already have Music U Scheduler installed:

```
# Navigate to your installation directory
cd ~/Music-U-Scheduler

# Download and run the updater
curl -L https://raw.githubusercontent.com/dfultonthebar/Music-U-Scheduler/main/download-update.sh -o download-update.sh
chmod +x download-update.sh
./download-update.sh
```

What the Download Script Does

The download script automatically:

- 1. Checks System Requirements**
 - Verifies Git is installed
 - Checks for existing installations
- 2. Downloads Latest Version**
 - Clones from GitHub repository
 - Updates existing installations safely
- 3. Creates Backups**
 - Backs up existing data before updates
 - Preserves your configuration and database

4. Updates Dependencies

- Updates Python packages
- Updates Node.js dependencies
- Runs database migrations

5. Configures Application

- Sets up admin user
- Configures permissions
- Prepares services

Manual Installation (Alternative)

If you prefer to install manually:

Prerequisites

- Python 3.8+
- Node.js 16+
- Git

Steps

```
# 1. Clone repository
git clone https://github.com/dfultonthebar/Music-U-Scheduler.git
cd Music-U-Scheduler

# 2. Set up Python environment
python3 -m venv music-u-env
source music-u-env/bin/activate

# 3. Install Python dependencies
pip install --upgrade pip
pip install -r requirements.txt

# 4. Set up Node.js dependencies
cd app
yarn install # or npm install
cd ..

# 5. Run database setup
alembic upgrade head
python init_admin.py

# 6. Start services
./start-all.sh
```

Version Information

- **Current Version:** 1.3.02
- **Release Date:** August 17, 2025
- **GitHub Repository:** <https://github.com/dfultonthebar/Music-U-Scheduler>

What's New in Version 1.3.02

✓ Authentication Integration

- Complete authentication system between frontend and backend
- Fixed JWT token handling
- Resolved 401 Unauthorized errors

✓ User Management

- Add/delete students and instructors
- Role-based access control
- Admin dashboard improvements

✓ Version Management

- Automatic version detection
- GitHub integration for updates
- Improved update process

✓ Bug Fixes

- Fixed bcrypt compatibility issues
- Resolved frontend-backend communication
- Improved error handling

Getting Help

Common Issues

Problem: Permission denied when running scripts

```
# Solution: Make scripts executable
chmod +x *.sh
chmod +x scripts/*.sh
```

Problem: Python virtual environment issues

```
# Solution: Recreate virtual environment
rm -rf music-u-env
python3 -m venv music-u-env
source music-u-env/bin/activate
pip install -r requirements.txt
```

Problem: Node.js dependency issues

```
# Solution: Clean and reinstall
cd app
rm -rf node_modules yarn.lock package-lock.json
yarn install # or npm install
```

Support

- **Documentation:** Check the docs/ directory

- **Issues:** Create an issue on GitHub
- **Logs:** Check the logs/ directory for error details

Access Information

After successful installation:

- **Frontend:** `http://localhost:3000`
- **Backend API:** `http://localhost:8001`
- **Admin Login:** admin / MusicU2025

File Structure

```
Music-U-Scheduler/  
├── app/                # Next.js frontend  
├── alembic/            # Database migrations  
├── scripts/           # Utility scripts  
├── logs/              # Application logs  
├── docs/              # Documentation  
├── requirements.txt    # Python dependencies  
├── download-update.sh  # Download/update script  
├── start-all.sh       # Start services  
└── README.md          # Main documentation
```

Need help? Check the TROUBLESHOOTING.md file or create an issue on GitHub.