

■ Best Working moOde Version for Custom Build

Date: 2025-01-12

Status: ■■ NEEDS VERIFICATION

■ Problem

The current moOde download running on the system is **NOT booting properly**.
We need to use the **BEST WORKING VERSION** for custom builds, not the broken one.

■ Known Working Versions

Version: moOde r1001 (2025-12-07)

Status: ■ DOCUMENTED AS WORKING

References:

- `README.md` mentions: `2025-12-07-moode-r1001-arm64-lite.img`
- `docs/moode-downloads/MOODE_DOWNLOAD_GUIDE.md` references: `moode-r1001-arm64-lite.zip`

This version was:

- Used in documentation
- Referenced as working
- Used as base for custom builds

■■ Current Situation

Problem:

- Current moOde download on system: ****NOT BOOTING PROPERLY****
- We cannot trust the current running version
- Need to identify and use BEST WORKING version

Solution:

- Use ****moOde r1001**** (2025-12-07) as base
- Verify this is the version used in build system
- Document which version to use
- Lock build to this version

■ Verification Needed

1. Check Build System Version

```
# Check what version the build system uses
grep -r "r[0-9]" imgbuild/
grep -r "version" imgbuild/moode-cfg/
grep -r "git.*checkout" imgbuild/
```

2. Check pi-gen Configuration

```
# Check pi-gen config for moOde version
cat imgbuild/pi-gen-64/config
grep -r "MOODE" imgbuild/pi-gen-64/
```

3. Check moode-source

```
# Check if moode-source has version info
find moode-source -name "*.md" -o -name "VERSION*" -o -name "CHANGELOG*"
```

■ Action Plan

Step 1: Identify Best Working Version

- [] Check build system configuration
- [] Find version used in working builds
- [] Document version number

Step 2: Lock Build to This Version

- [] Update build scripts to use specific version
- [] Add version check/verification
- [] Document in build configuration

Step 3: Verify Version in Build

- [] Add version check to NullCity.DockerTest
- [] Verify correct version is used
- [] Fail build if wrong version

■ Build Configuration

Recommended: moOde r1001 (2025-12-07)

Why:

- Documented as working
- Used in README
- Stable base for customizations

How to Lock:

1. Check build system uses this version
2. Add version verification to build
3. Document in build scripts

■ Implementation

Update Build Scripts

Add version check to build:

```
# In build script
MOODE_VERSION="r1001"
MOODE_DATE="2025-12-07"

# Verify version
if [ "$MOODE_VERSION" != "r1001" ]; then
    echo "ERROR: Wrong moOde version!"
    exit 1
fi
```

Update NullCity.DockerTest

Add version verification:

```
# Verify moOde version before build
if ! grep -q "r1001\|2025-12-07" /workspace/imgbuild/moode-cfg/*; then
    echo "ERROR: Wrong moOde version in build!"
    exit 1
fi
```

■■ CRITICAL: Do NOT Use Current Broken Version

Current running system:

- ■ NOT booting properly
- ■ Cannot be trusted
- ■ Do NOT use for custom build

Use instead:

- ■ moOde r1001 (2025-12-07)
- ■ Documented as working
- ■ Known good base

Status: ■■ NEEDS VERIFICATION

Next Step: Check build system and lock to r1001