

Before Getting Started...

V12 Tutorial: Fixed Formatting

Forced "U.S.-centric" settings

Ini (text) files are used; mixing formats can cause problems.

- Time separator ' : ' colon (also used as RA/Dec separator)
RA: 12:45:22.6 Dec: +05:32:57.9 UT: 04:52:30 (leading zeros/24-hour)
- Date separator ' - ' dash Date order yyyy-mm-dd
May 12, 2023: 2023-05-12 (leading zeros)
- Decimal point ' . ' period
Value = -0.45587 (leading zero for $|x| < 1.0$, no thousands grouping)
- Millimeters for focal lengths; meters for apertures (30 cm = 0.30 m)

MPO v12 Tutorial

MPO Canopus v12 Overview

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New Database Engine

Version 10

Flash Filer

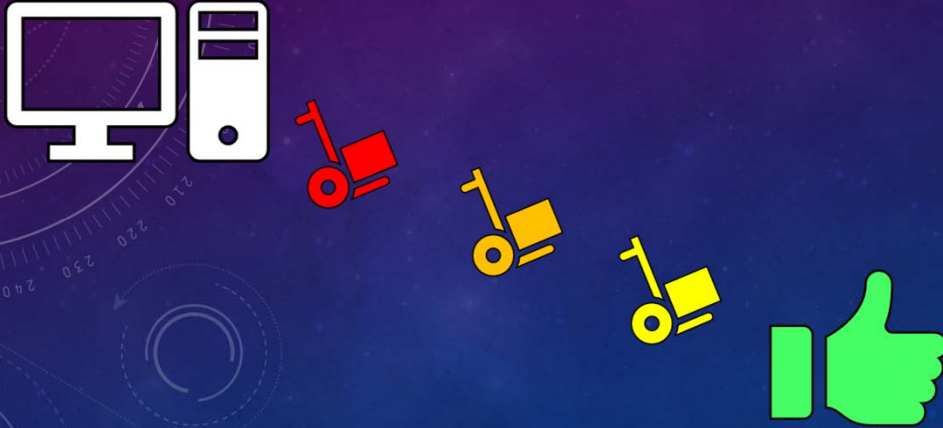
- Third-party library
- No longer supported
- Uses Windows Messaging Layer (Win10/11 unfriendly)
- Separate server application
- Requires "Run as Administrator" rights for client applications
- Uses Windows Registry
- Database Structure
 - <DB Name> points to a Directory
 - Each table a separate file

Version 12

SQLite

- Open source
- Used extensively in mobile devices and many web sites
- Significantly larger files (~ 1.5x)
- Built-in server
- Can run in any directory accessible by user's account (read/write privileges)
- Use INI (text-based) files to store settings and other user information
- Database Structure
 - <FileName> = <DB Name>
 - All tables in DB in single file

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Backups are Essential!

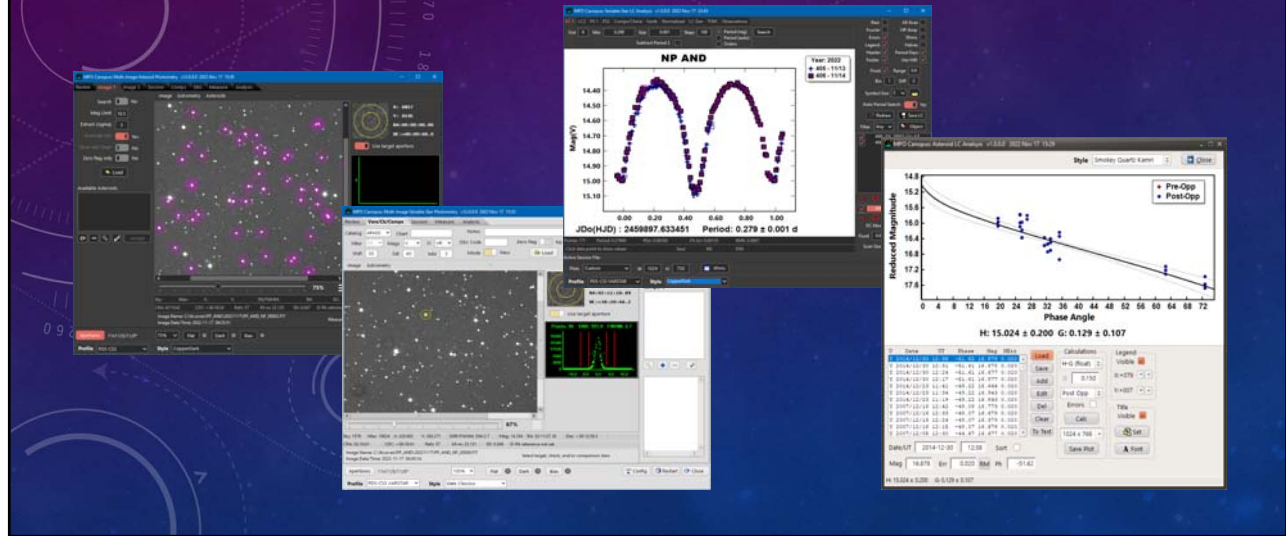


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Bigger Bytes

64-bit ~~**32-bit**~~

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No More "All in One"



V12 Tutorial: MPO Canopus Overview

Several short video clips

- Selecting categories and items in the MPO Launcher
- Loading image and changing zoom



YouTube Channel
<https://youtube.com/@8734Warner>

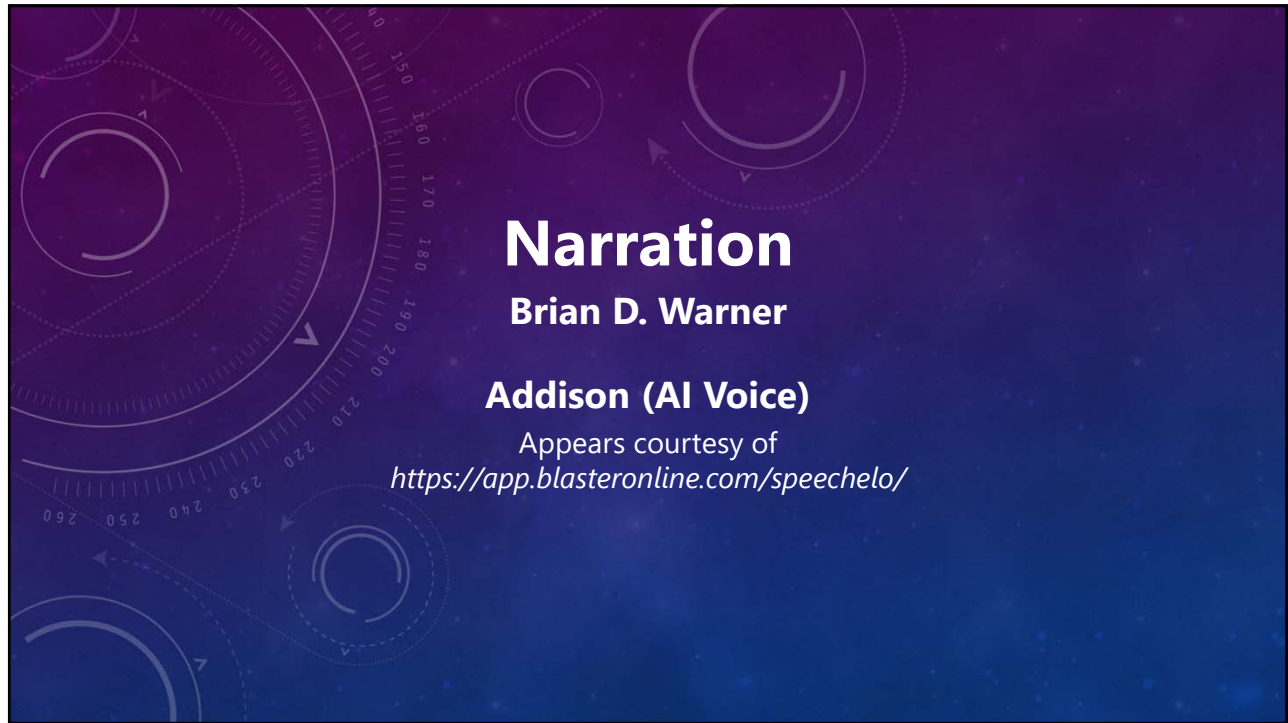
Technical Support
<https://groups.io/g/MPOSoftware>



Producer/Director/Writer/Editor
Brian D. Warner

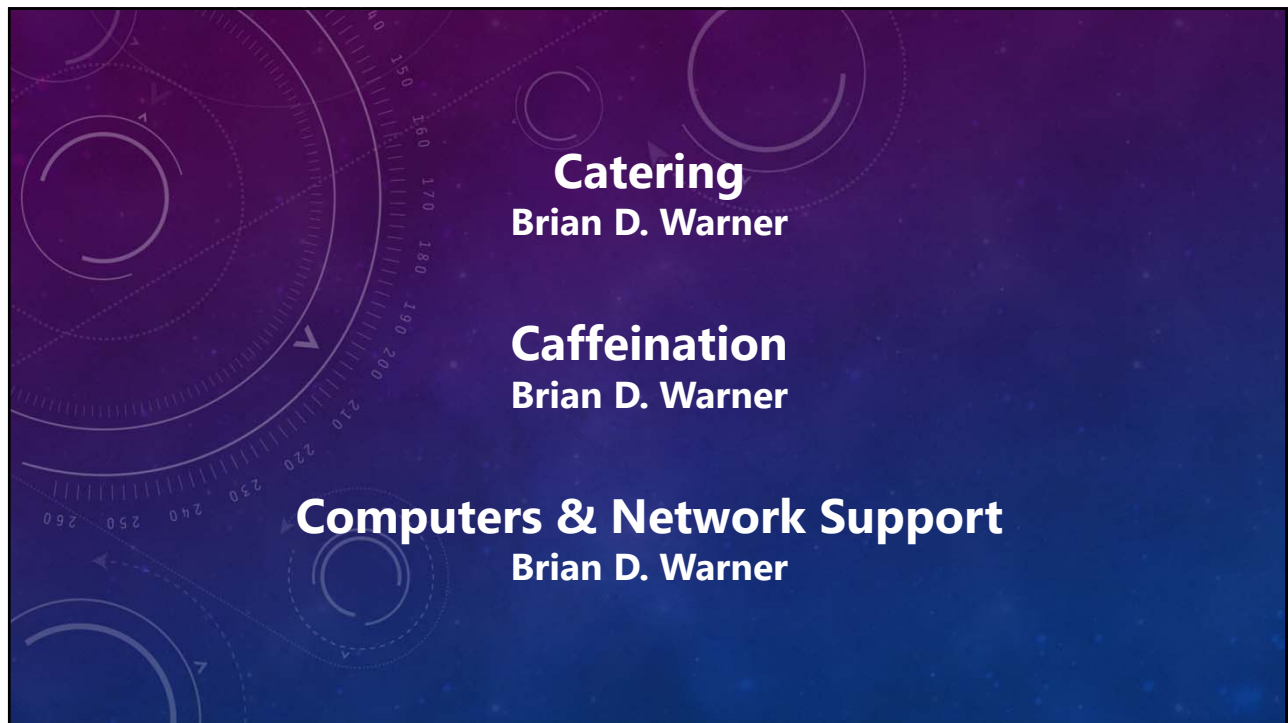
MPO Software & Bdw Publishing
Brian D. Warner

Music
Music from Uppbeat (free for Creators!)
<https://uppbeat.io/t/doug-organ/backseat-driver>
<https://uppbeat.io/t/soundroll/pistol-swing>



Narration
Brian D. Warner

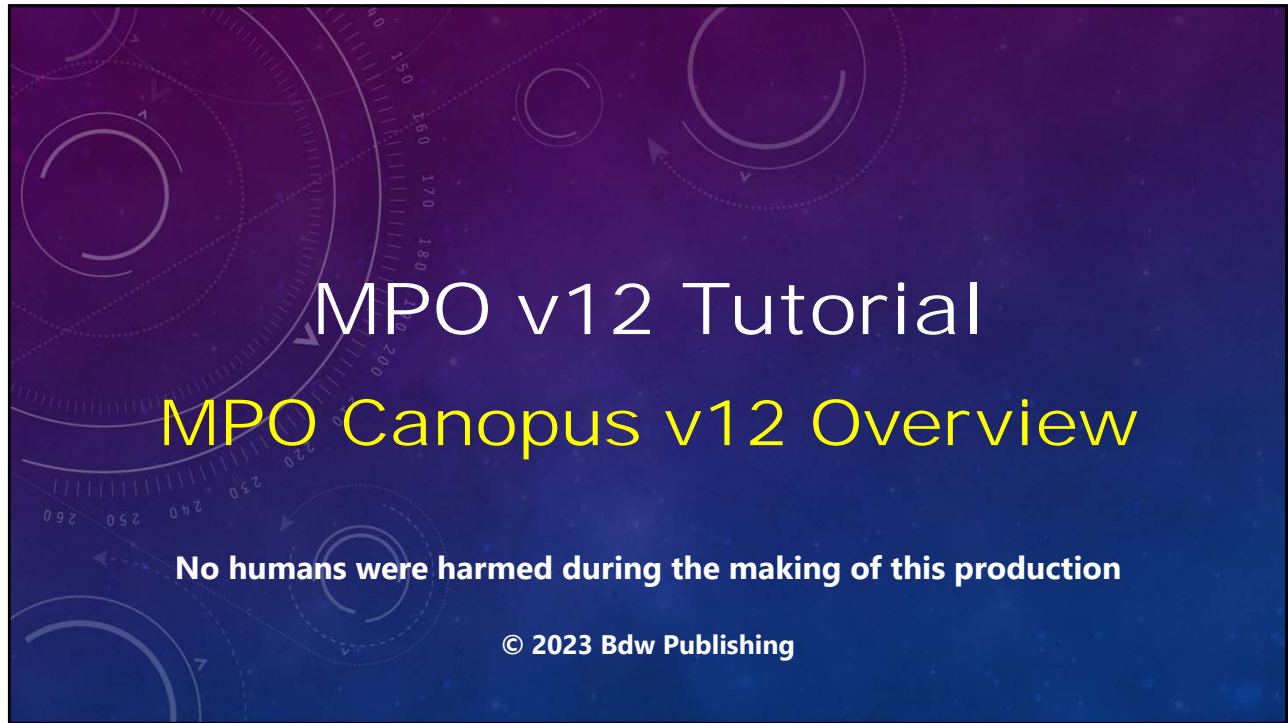
Addison (AI Voice)
Appears courtesy of
<https://app.blasteronline.com/speechelo/>



Catering
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Caffeination
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Computers & Network Support
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No humans were harmed during the making of this production

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