



# Milo Manual

[Converter](#)

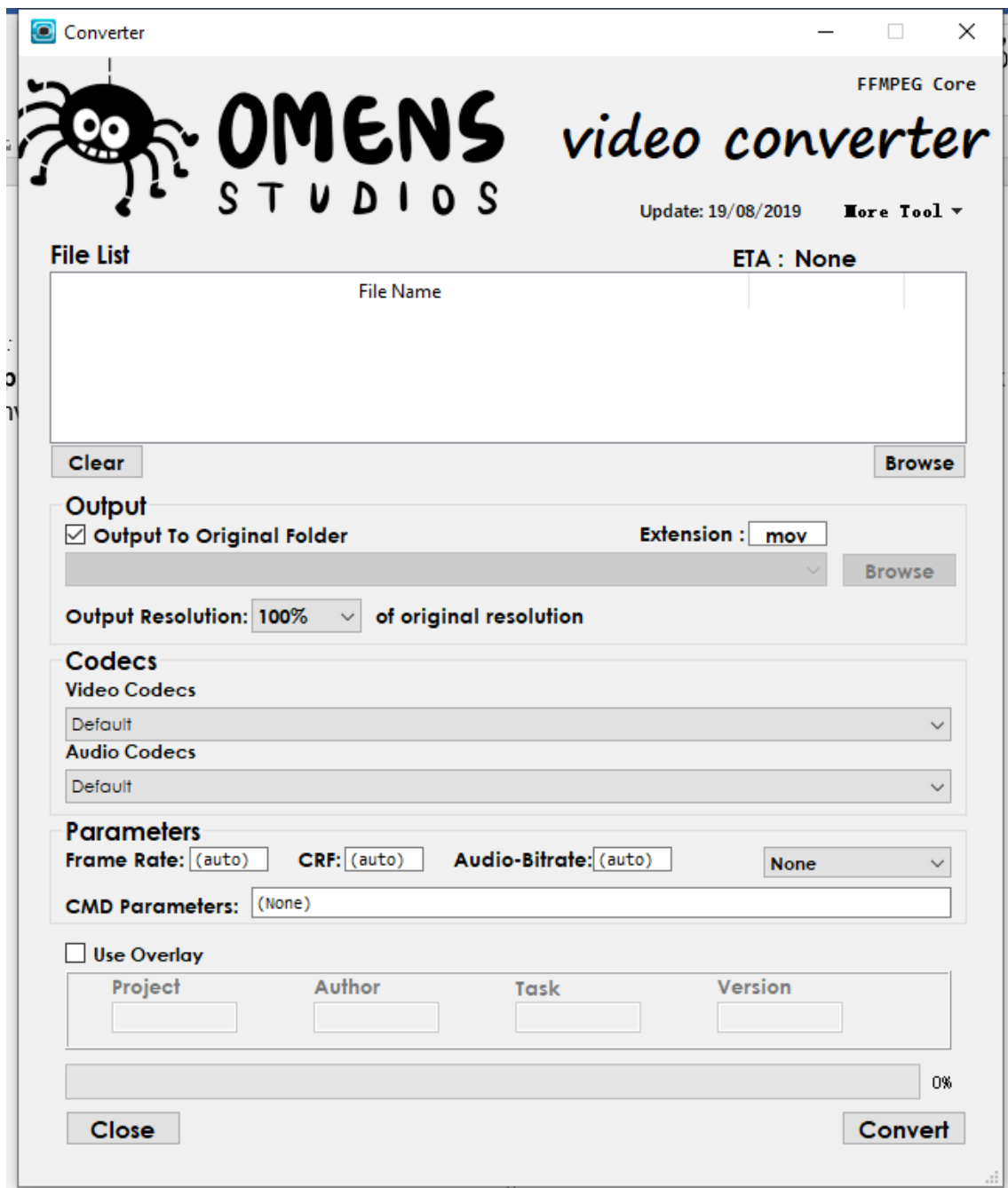
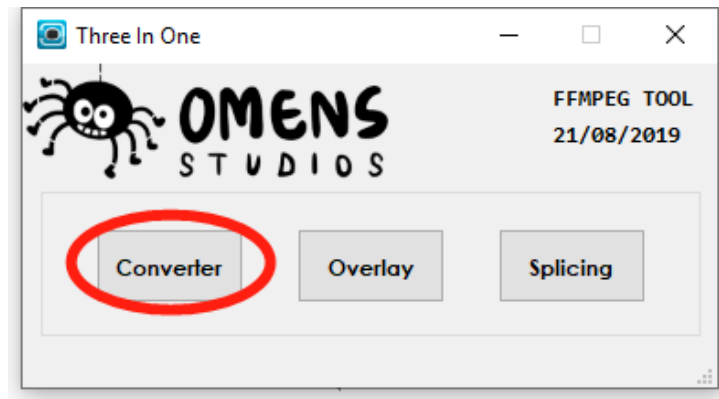
[Overlay](#)

[Splicing](#)

# CONVERTER MANUAL

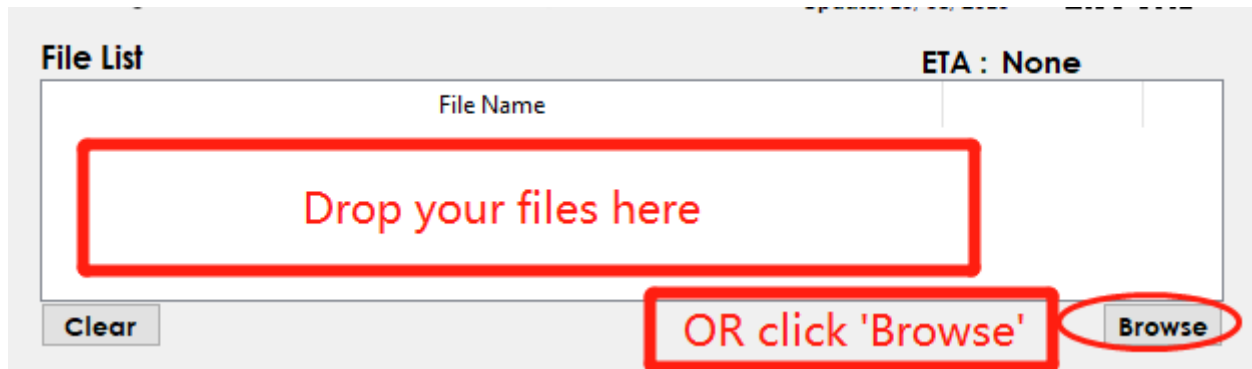
Date: 30/08/2019

**Step1.** Ensure your PC can access <DETROIT> Server. Open 'milo\_main.exe', and click on 'Converter' Button



## Step 2. Select input files.

Simply drag file(s) and drop into the box stated below. Or click on 'Browse' button.

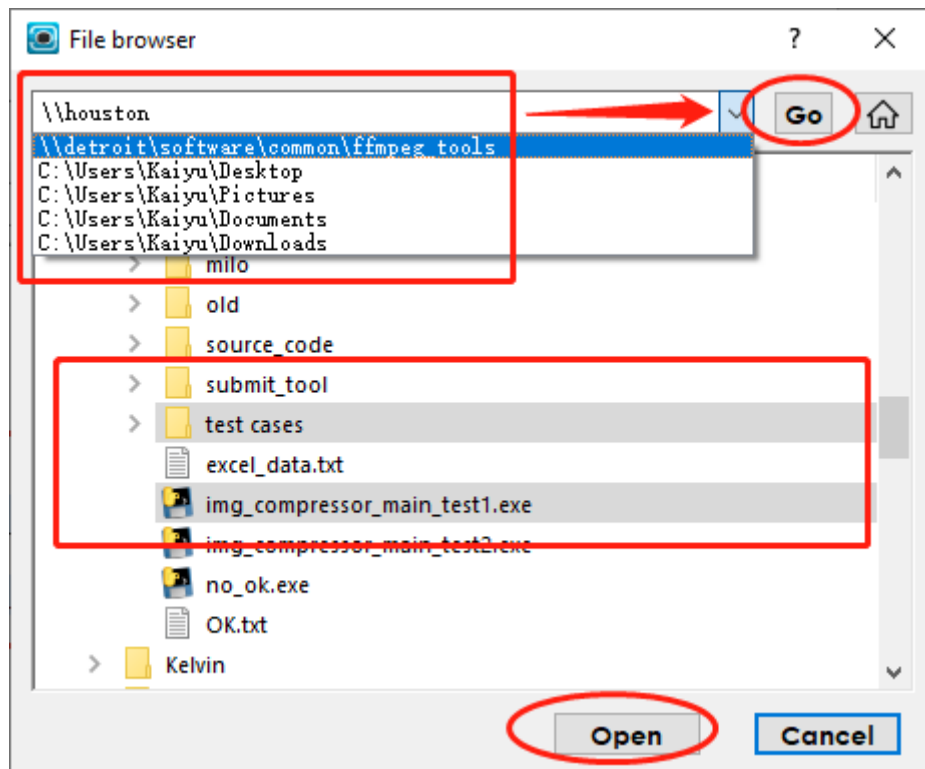


Press and hold 'Ctrl' to enable multiple selections.

Common directories and current working directory will be shown under dropdown at the top.

Select or key in any directory, then press 'Go' button

Press '🏠' return to home directory

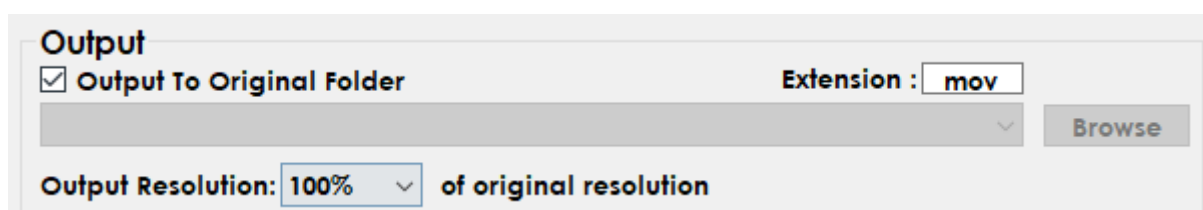


## Step 3. Select Output Options

Specify output directory (Default output to original directory, uncheck to use alternate folder)

Specify output extension (Default is 'mov' eg. 'mp4' and 'avi')

Specify compression of resolution of output video (Range from 100% to 20 % compression)



### Step 3. Select codecs and parameters

Presets are available under preset dropdown

NOTE:

- Frame rate is pure number
- CRF is output video quality ranging from 0 to 51, the smaller the crf better output quality and longer conversion time taken. Reasonable range is 18 to 28.
- Audio-bitrate, a unit is required, for example 128k and 1M (UPPER CASE 'M' , lower case 'k')
- If you wish to use FFMPEG default rate, leave it as '(auto)'

**Codecs**

**Video Codecs**

Default

**Audio Codecs**

Default

**Parameters**

Frame Rate: (auto) CRF: (auto) Audio-Bitrate: (auto)

CMD Parameters: (None)

Presets

None

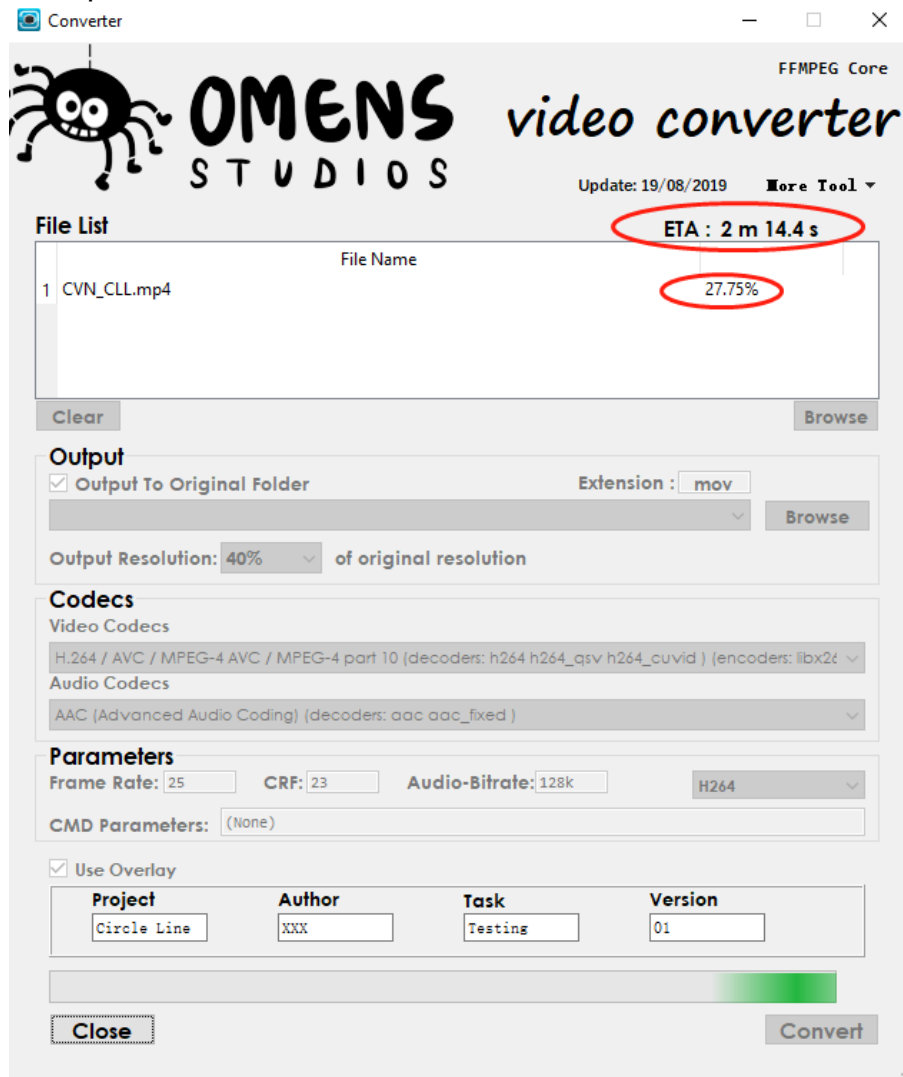
### Step 4. (OPTIONAL) Use overlay

☒ Use Overlay

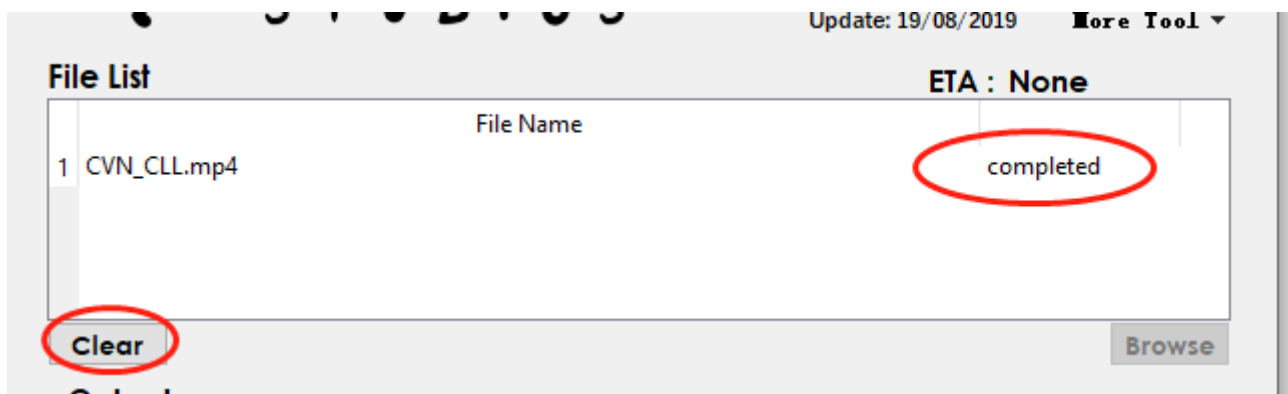
Project	Author	Task	Version
Circle Line	XXX	Testing	01

## Step 5. Convert

- Estimated time will be shown, however it may not be accurate.
- Percentage of completion will be shown as well, it is accurate.



Click 'Clear' to enable next conversion.

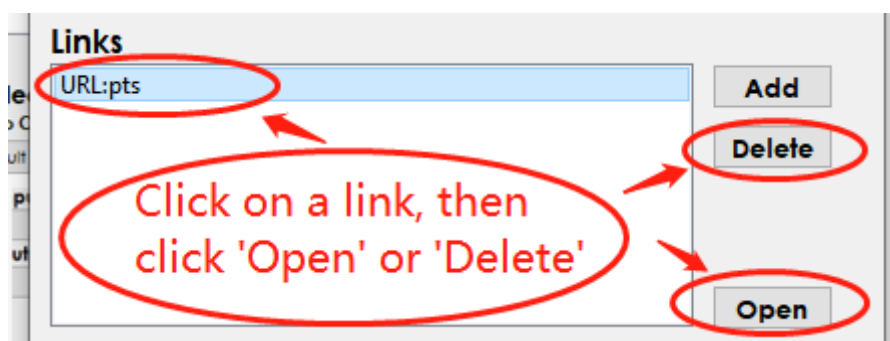
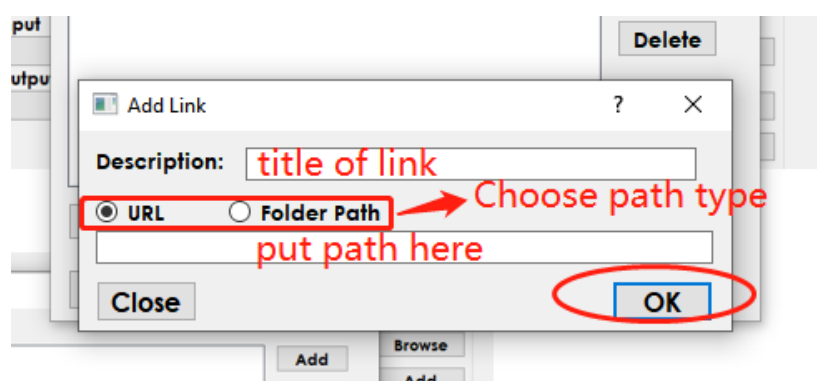
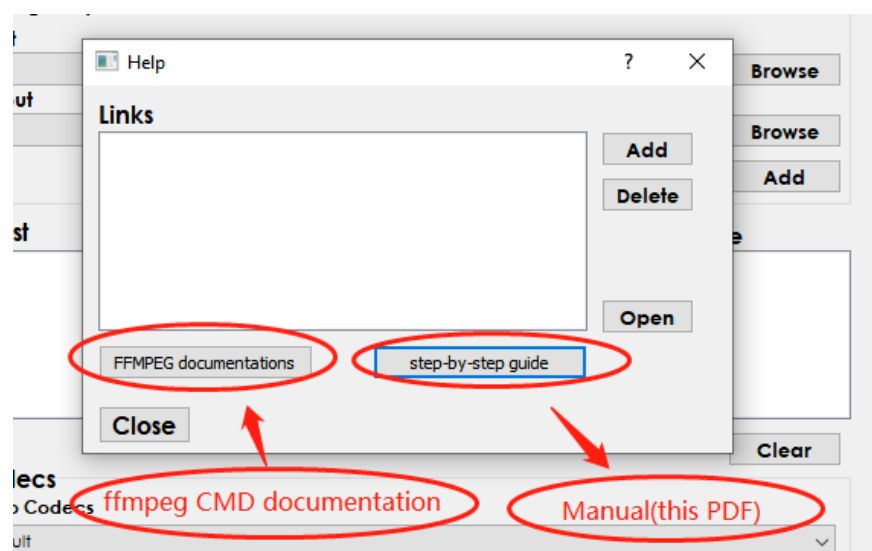


## Other Functions:

- Help links
- Presets



## 'Help Tool'



## 'Pre-set Tool'

- Edit existing presets or add new preset

The screenshot shows a 'Pre Set' dialog box with the following components and annotations:

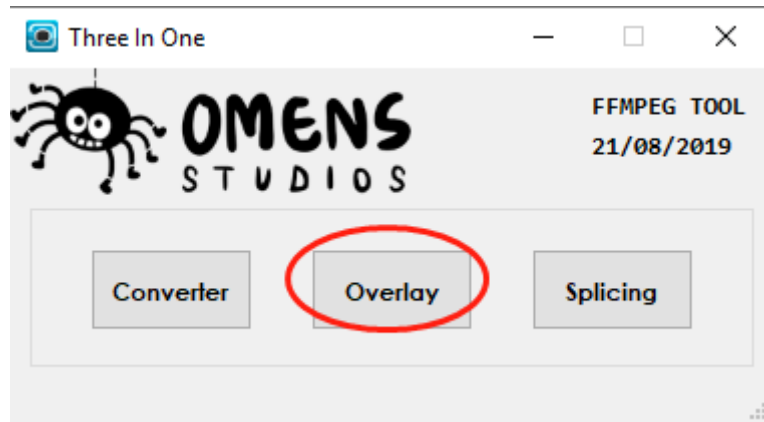
- Parameters Section:**
  - Video Codecs:** A dropdown menu showing 'H.264 / AVC / MPEG-4 AVC / MPEG-4 part 10 (decoders: ...)'. This section is circled in red with the annotation 'Select codecs'.
  - Audio Codecs:** A dropdown menu showing 'AAC (Advanced Audio Coding) (decoders: aac aac\_fix ...)'. This section is also circled in red.
  - Pre-Set Name:** A text field containing 'H264'.
  - Frame Rate:** A text field containing '25'.
  - CRF:** A radio button group with 'Normal' selected and a dropdown arrow.
  - Audio-Bitrate:** A text field containing '128k'.
- Buttons:** 'Save' (circled in red), 'Clear', and 'Close' (blue button).
- Pre-Set List:** A list box on the right containing 'Apple Prores', 'H264' (highlighted in blue), 'Jpeg2000', 'Mjpeg', and 'Mpeg4'. A red oval with the annotation 'Fill in parameters' points to this list.
- Other:** A 'Delete' button is located at the bottom right of the list area.

# OVERLAY MANUAL

Date: 30/08/2019

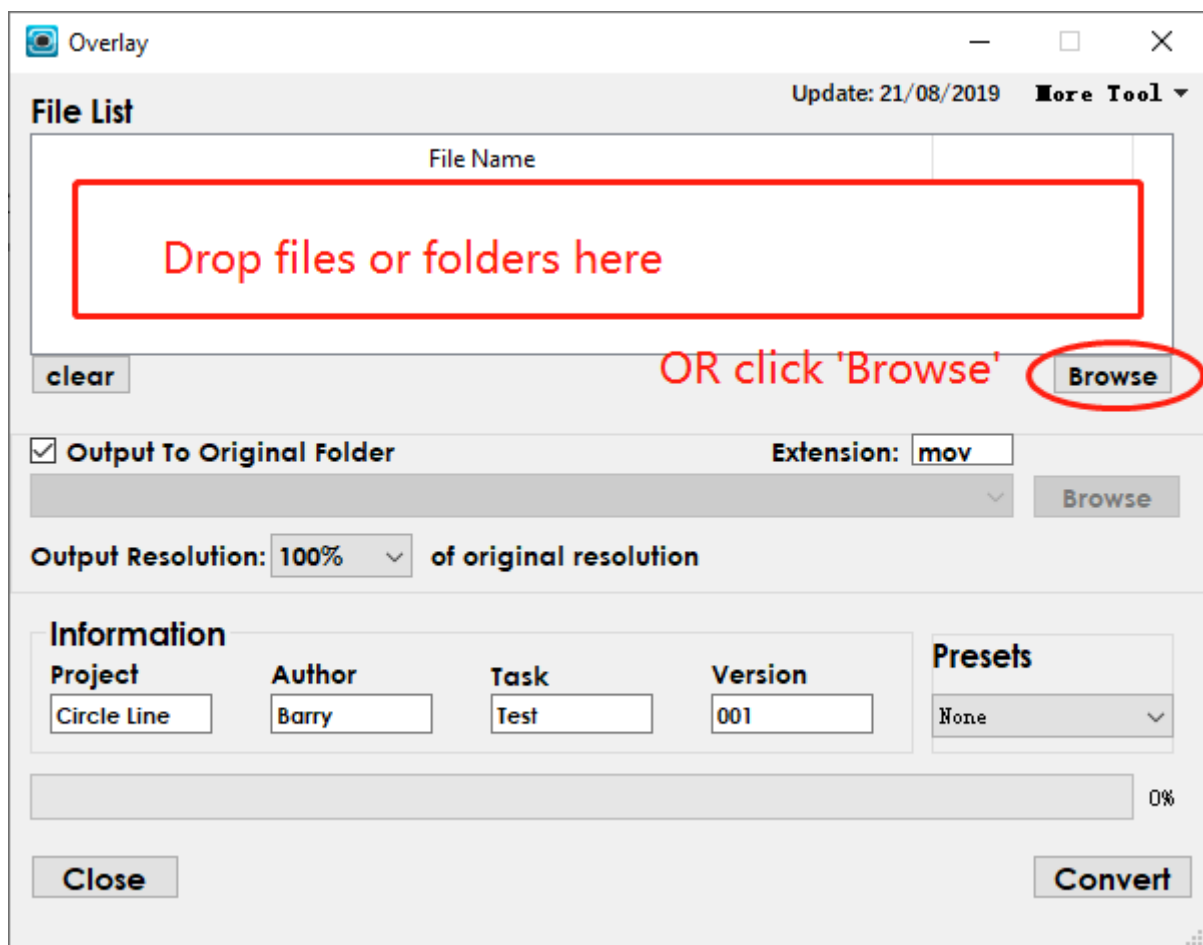
## Step 1.

Click on 'Overlay'



## Step 2. Select input files

Simply drag file(s) and drop into the box stated below. Or click on 'Browse' button.



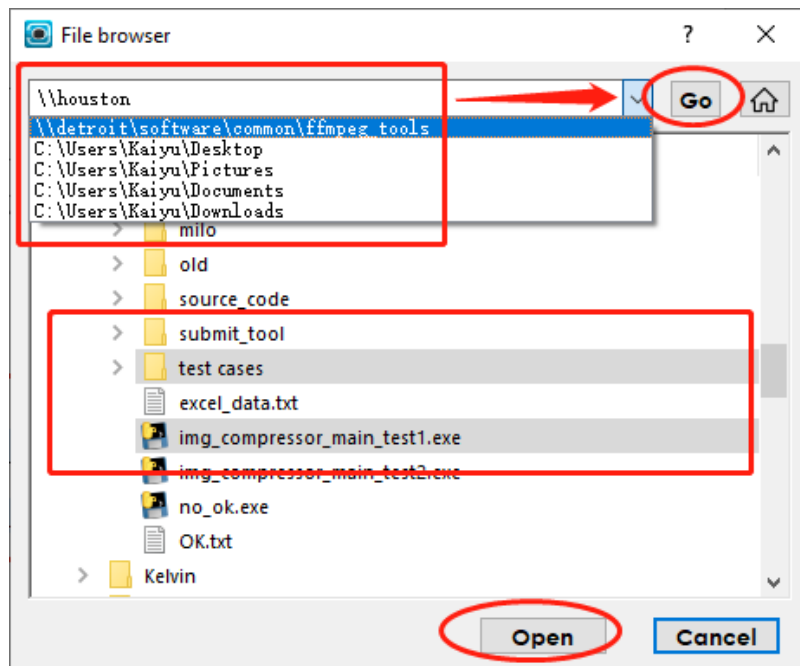


Press and hold 'Ctrl' to enable multiple selections.

Common directories and current working directory will be shown under dropdown at the top.

Select or key in any directory, then press 'Go' button

Press '🏠' return to home directory

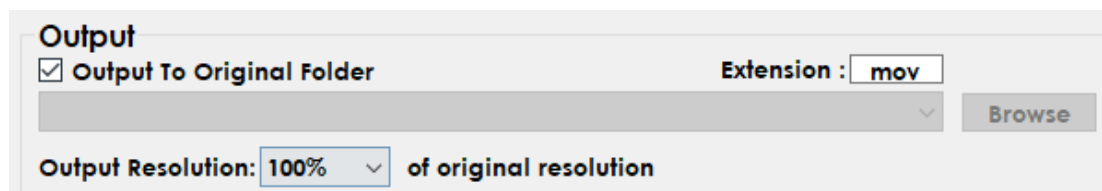


### Step 3. Select Output Options

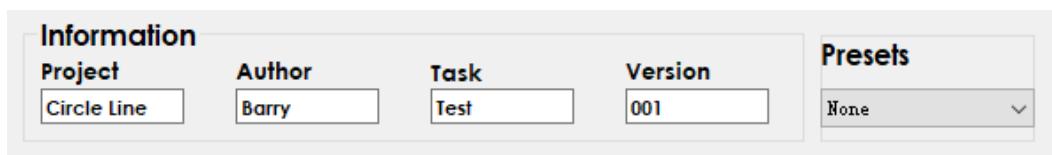
Specify output directory (Default output to original directory, uncheck to use alternate folder)

Specify output extension (Default is 'mov' eg. 'mp4' and 'avi')

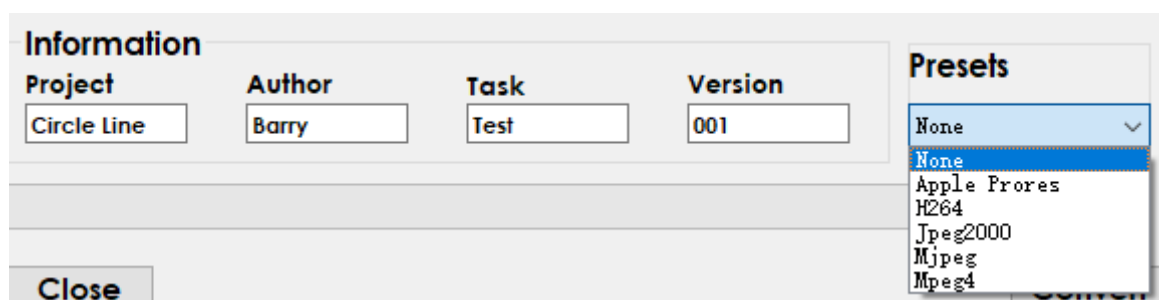
Specify compression of resolution of output video (Range from 100% to 20 % compression)



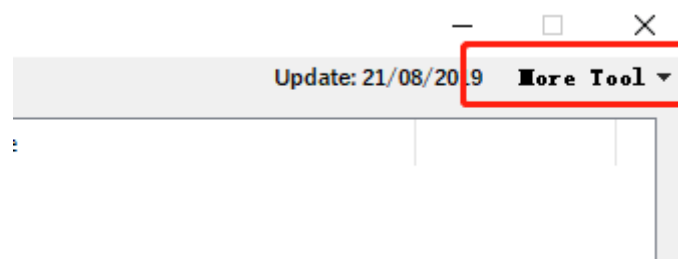
### Step 4. Fill in overlay information



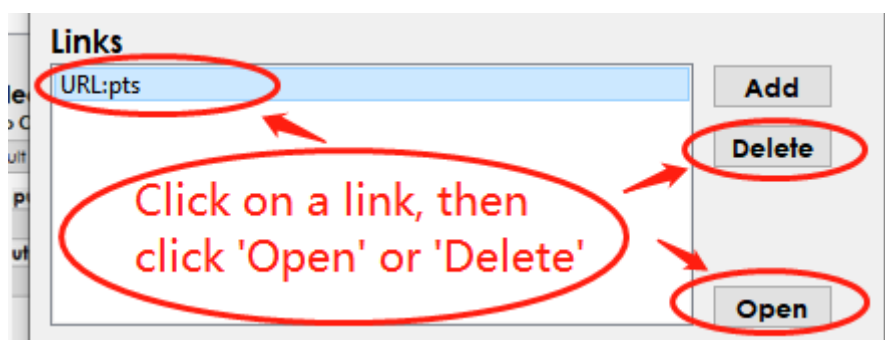
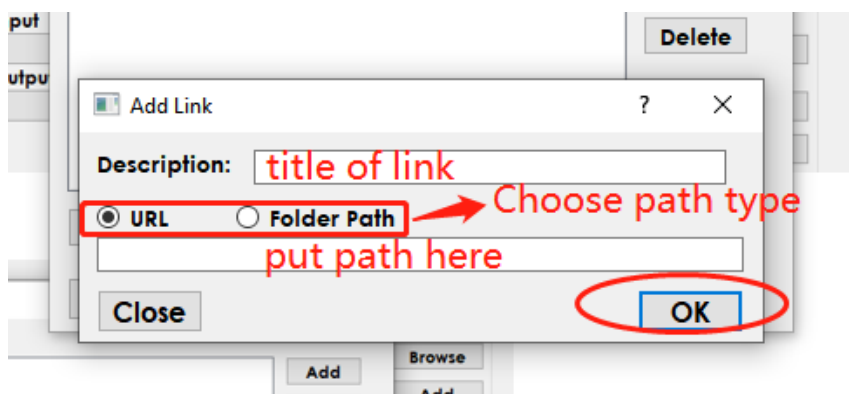
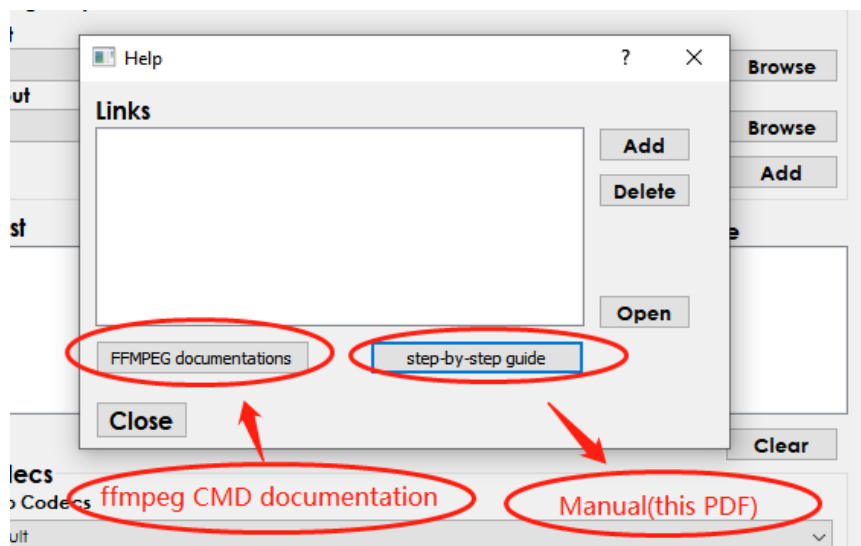
### Step 5. Select Preset



## Other Functions



## 'Help Tool'



## 'Pre-set Tool'

- Edit existing presets or add new preset

The screenshot shows a 'Pre Set' dialog box with the following components and annotations:

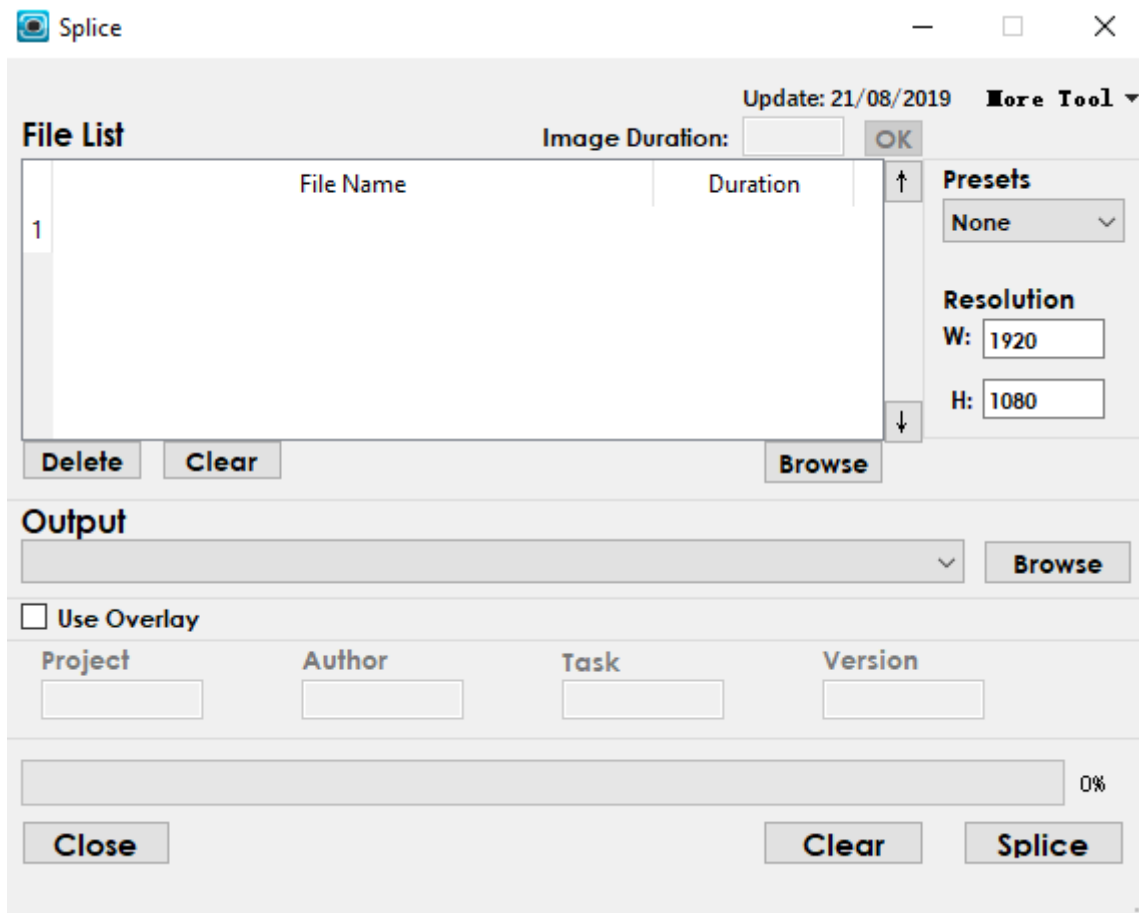
- Parameters Section:**
  - Video Codecs:** A dropdown menu showing 'H.264 / AVC / MPEG-4 AVC / MPEG-4 part 10 (decoders: ...)'. This section is circled in red with the annotation 'Select codecs'.
  - Audio Codecs:** A dropdown menu showing 'AAC (Advanced Audio Coding) (decoders: aac aac\_fix ...)'. This section is also circled in red.
  - Pre-Set Name:** A text field containing 'H264'.
  - Frame Rate:** A text field containing '25'.
  - CRF:** A radio button selection with 'Normal' selected.
  - Audio-Bitrate:** A text field containing '128k'.
- Buttons:** 'Save' (circled in red), 'Clear', and 'Close' (blue button).
- Pre-Set List:** A list on the right containing 'Apple Prores', 'H264' (highlighted in blue), 'Jpeg2000', 'Mjpeg', and 'Mpeg4'. A red oval with the annotation 'Fill in parameters' points to this list.
- Other:** A 'Delete' button is located at the bottom right of the list area.

# SPLICE MANUAL

Date: 30/08/2019

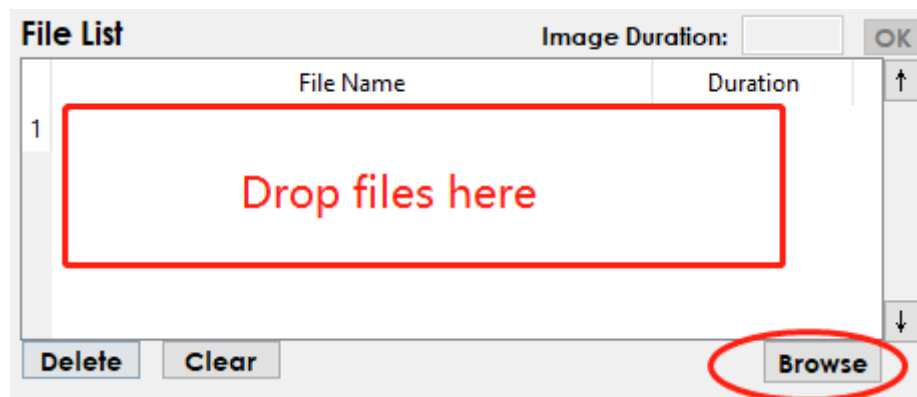
Step1.

Click on 'Splicing'



## Step 2. Select input files

Simply drag file(s) and drop into the box stated below. Or click on 'Browse' button.

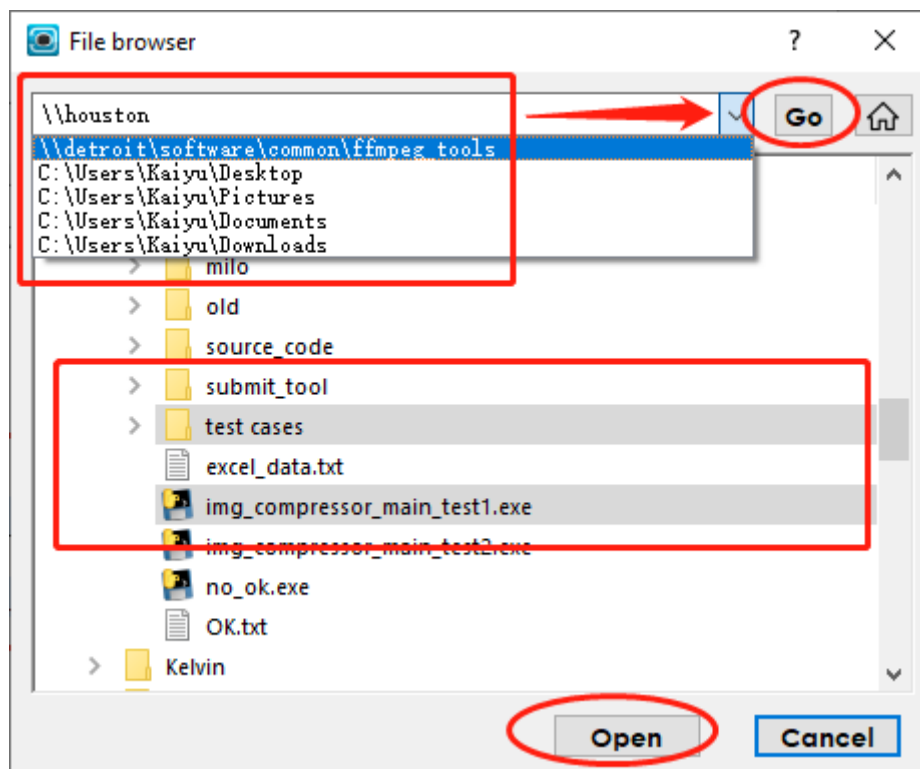


Press and hold 'Ctrl' to enable multiple selections.

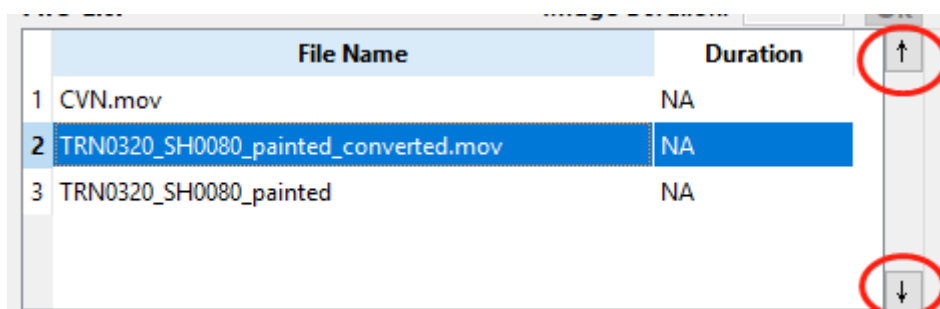
Common directories and current working directory will be shown under dropdown at the top.

Select or key in any directory, then press 'Go' button

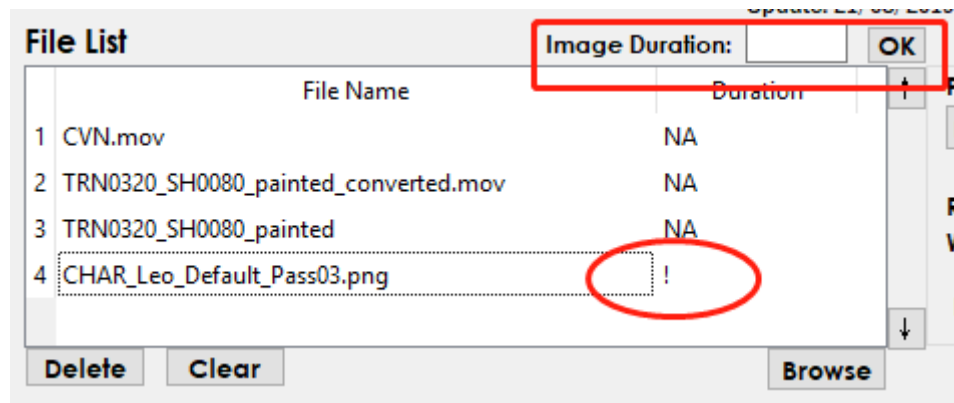
Press 'Home' return to home directory



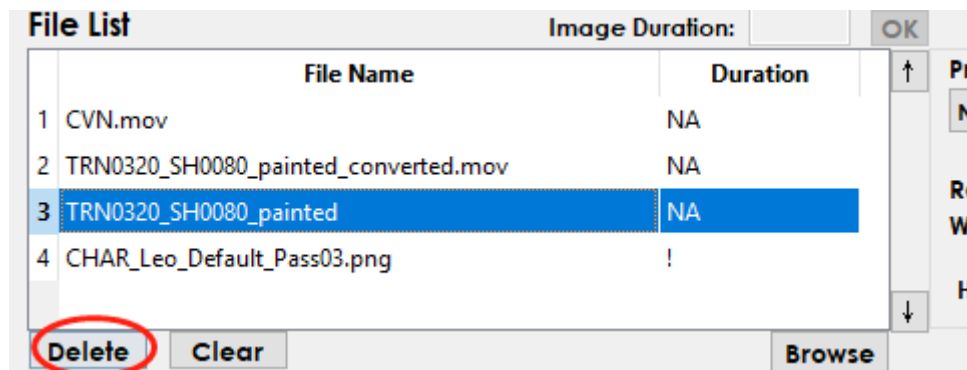
Modify sequence by clicking up (down) arrows



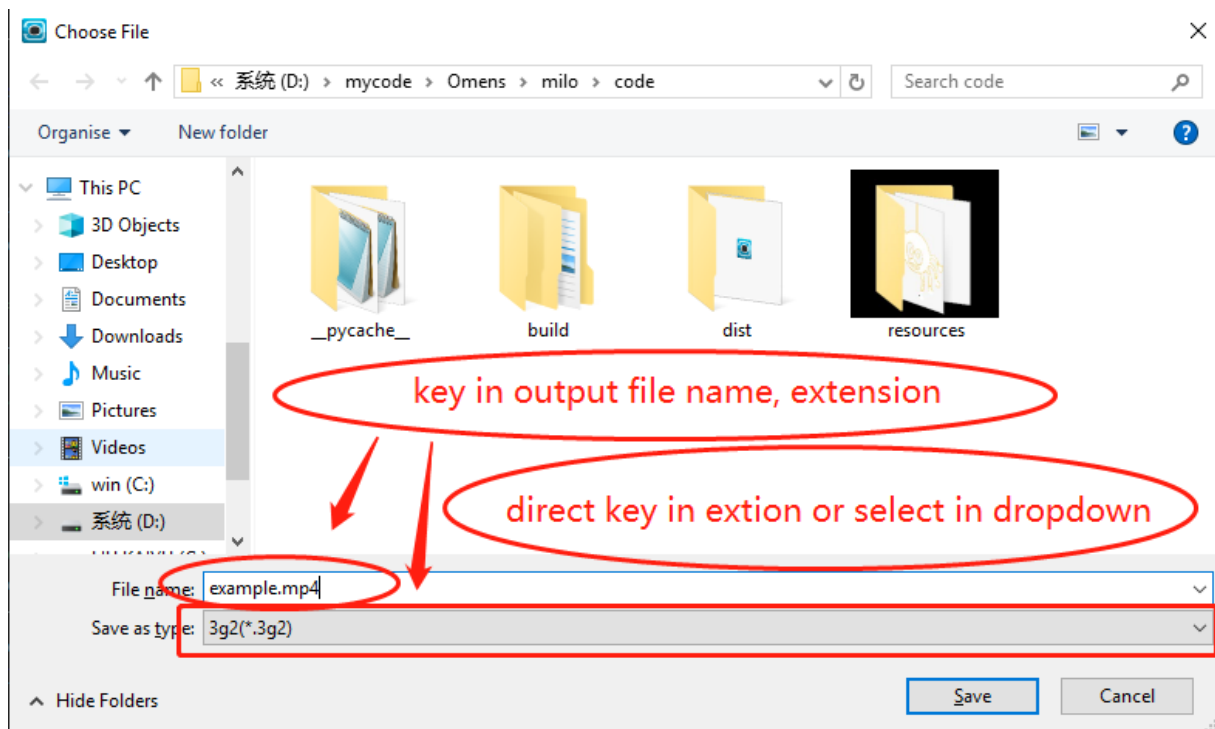
If input is still image, do specify a duration for it.



Delete unwanted files



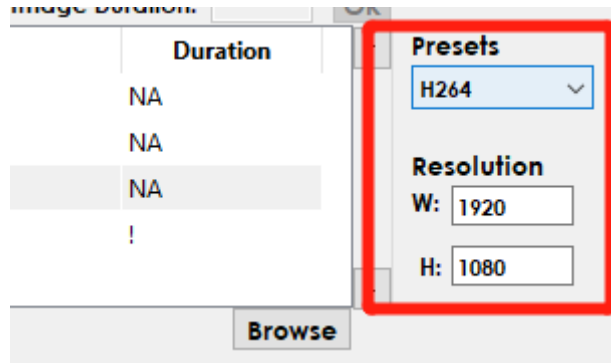
Step 3. Specify output file



#### Step 4. Preset and resolution

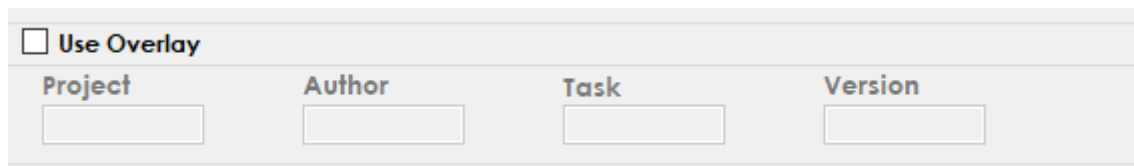
Select preset

Key in output resolution (Default is 1920x1080)

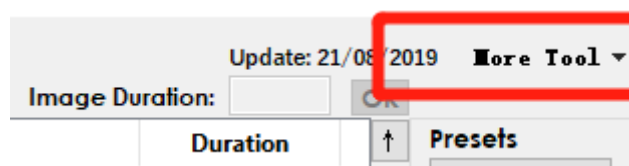


#### Step 5. (OPTIONAL) Use overlay

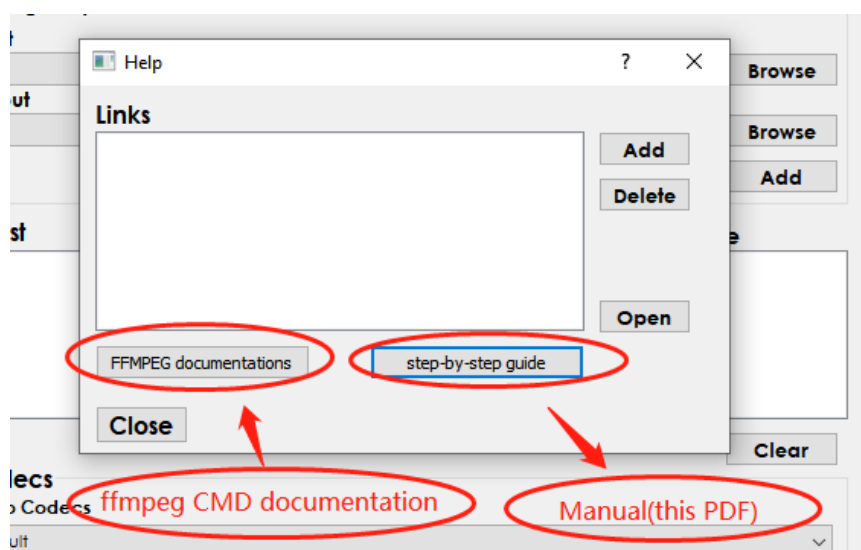
Check overlay box to use overlay

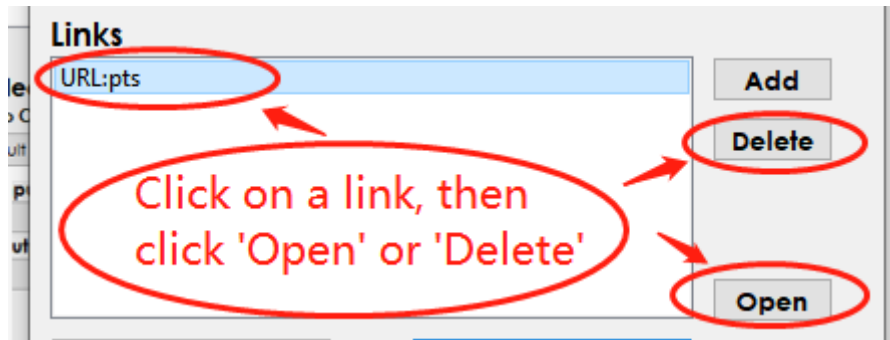
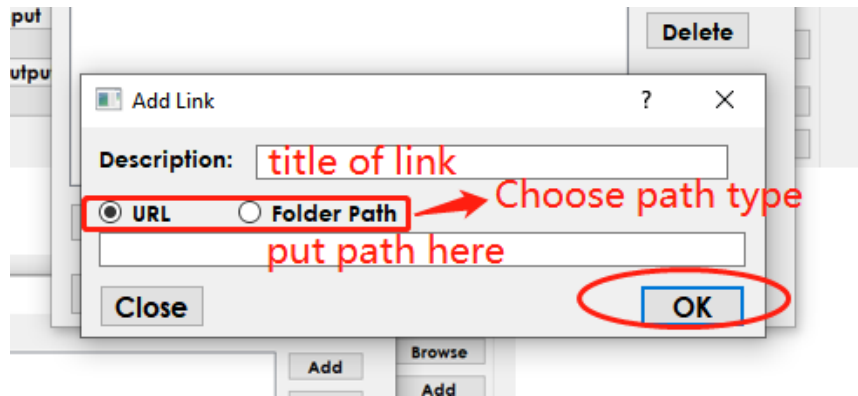


#### Other Functions



'Help Tool'





#### 'Pre-set Tool'

- Edit existing presets or add new preset

