

AMIA Conference 2016

DigiPres101: Programming Basics and Preservation Tools

Installation Guidelines and Pre-Conference Prep for Parts 1 & 2

Date and Location:

Tuesday, November 8, 2016

8:30am -12:00pm (Part I)

1:30pm – 4:00pm (Part II)

Room: Monongahela

Coordinators:

Carla Arton (carlaarton@gmail.com) and Ashley Blewer (ashley.blewer@gmail.com)

All Attendees MUST bring their own laptops and take care of any administrative rights requirements ahead of time for downloading new programs. Thumb drives will be provided with test files and further materials for workshop exercises. In order to maximize class time, links have been provided below for you to download and install all required software ahead of time. If you have any questions please contact the appropriate contact listed for each session or the workshop coordinators.

Part 1

Session 1 - Introduction to Command Line Basics

No pre-workshop prep needed.

Session 2 - Technical Writing and [GitHub](#)

Please register for a [GitHub account](#)!

Session 3 - [MediaConch](#)

Option 1 (using direct download)

1. Go to <https://mediaarea.net/MediaConch/>
2. Click on **Download** button
3. Click on the icon for the operating system you use (likely Windows or Mac)
4. Click on the Universal installer GUI (for Windows) or GUI v16.09 (Mac)
5. Save to your Downloads folder and double click to open and install
6. If you are using a computer that belongs to your employer you may need to get administrative rights from your IT department in order to install. If you don't have administrative rights you can still use MediaConch: on the download page, peek the version "without installer".

Option 2 (using homebrew)

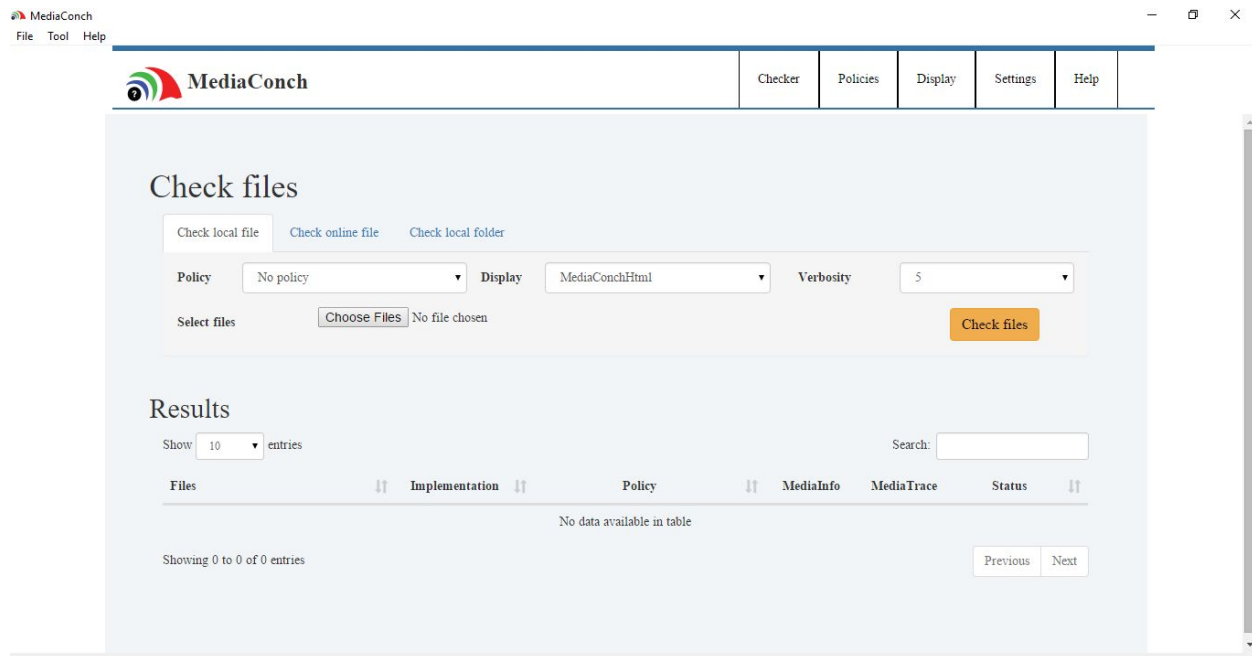
Graphical interface (Mac):

```
brew tap caskroom/cask  
brew cask install mediaconch-app
```

Command line (Mac/Linux):

```
brew install mediaconch
```

When installed and launched the program should look like the below picture.



Part 2

Session 4 - [FFmpeg](#)

Option 1 (using direct download)

1. Go to <http://ffmpeg.org/download.html>
2. Click on the download icon that says **Download ffmpeg-3.1.5.tar.bz2**
3. Save to downloads and extract from downloads folder to desired location on computer
4. This program is run through command line
5. When extracted the folder for FFmpeg should look like the below picture
6. Extended directions for Windows installation:
<http://adaptivesamples.com/how-to-install-ffmpeg-on-windows/>

Name	Date modified	Type	Size
bin	10/21/2016 3:27 PM	File folder	
doc	10/21/2016 3:27 PM	File folder	
licenses	10/21/2016 3:27 PM	File folder	
presets	10/21/2016 3:27 PM	File folder	
ff-prompt	10/20/2016 11:18 ...	Windows Batch File	1 KB
README	10/20/2016 11:18 ...	Text Document	4 KB

Option 2 (using Homebrew/Linuxbrew)

For Mac/Linux:

1. `brew install ffmpeg --with-sdl --with-freetype`

More options (Mac)

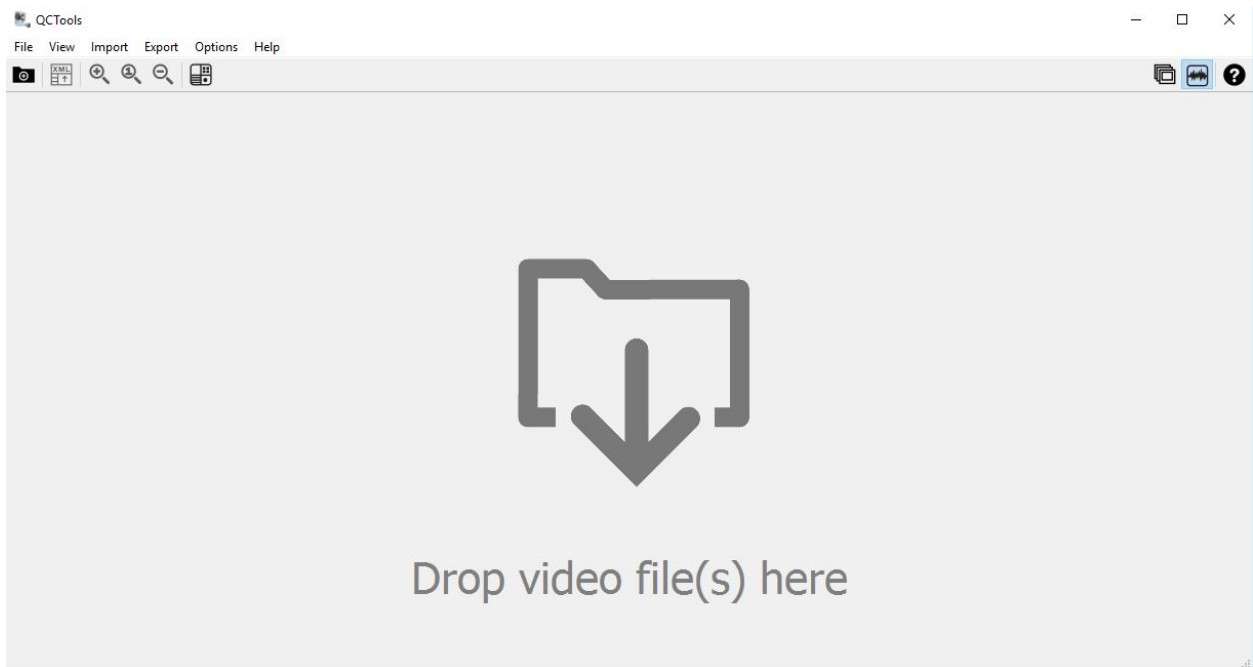
Guide to installing ffmpeg on Mac:

1. <https://trac.ffmpeg.org/wiki/CompilationGuide/MacOSX>

Session 5 - [QCTools](#)

Option 1 (using direct download)

1. Visit <https://bavc.org/preserve-media/preservation-tools> and download the installer for QCTools for your OS.
2. When installed and launched the program should look like the below picture.



Option 2 (using homebrew)

For Mac:

```
brew tap caskroom/cask
brew cask install qctools
```

Session 6 - [Archivematica](#)

A URL for a cloud-hosted version of Archivematica will be provided to you during the workshop.

Here are slides describing what we'll cover today:

https://docs.google.com/presentation/d/1Mkbl-6l4t_G62Ymq5NykppCrrmxyQtv6cmAL8Jzd8/edit?usp=sharing