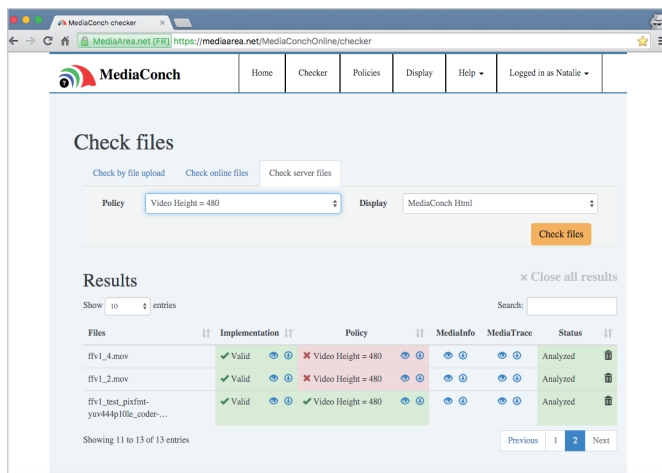# MEDIACONCH: CONFORMANCE CHECKING AUDIOVISUAL FILES

MediaConch is an open source software project that helps information professionals validate audiovisual files. It consists of an implementation checker, policy checker, reporter, and fixer that targets preservation-level audiovisual files (specifically Matroska, Linear Pulse Code Modulation (LPCM) and FF Video Codec 1 (FFV1)) for use in memory institutions. MediaConch provides detailed and batch-level conformance checking for these formats and information for most other file formats.

THREE ADAPTABLE PROGRAM INTERFACES

The core MediaConch application is available through three adaptable program interfaces. These three shells allow greater flexibility of product use to serve the various needs of memory institutions. MediaConch is available via the command line, a graphical user
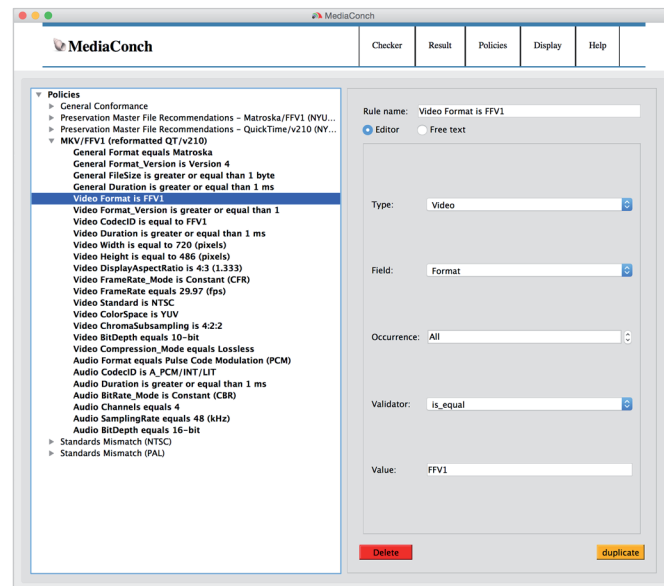
CHECK OUT THE TOOL!

Detailed information, technical documentation and download:

www.preforma-project.eu/ mediaconch.html

interface, or a web-based interface, for uses such as integration into existing archival processing infrastructures as a microservice, local detailed file inspection for irregular video files, or server-based batch-level file checking in distributed processing systems.

THE MEDIA AREA TEAM

MediaConch is currently being developed by the MediaArea team, notable for the creation of open source media checker software microservice, MediaInfo. The MediaArea team is also dedicated to the further development of the standardization of the Matroska and FFV1 formats to ensure their longevity as a recommended digital preservation file format through the Internet Engineering Task Force's CELLAR (Codec Encoding for LossLess Archiving and Realtime transmission) working group.

MediaConch is developed in the open in several repositories hosted on Github. A list of repositories, contributing guidelines, issue/bug trackers and more are available at github.com/MediaArea/MediaConch.

WWW.PREFORMA-PROJECT.EU