

# Checking AV Properties with MediaConch

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## MediaConch

*Conformance- and policy-checker for  
media files.*

- Check if container/codecs meet specs.
- Policy-check for numerous media formats.
- Great for ingest of 'born-digital'.
- etc.

Website: [mediaarea.net/MediaConch/](http://mediaarea.net/MediaConch/)

MediaConch

CheckerPoliciesDisplaySettingsHelp

# Check files

Check local file

Check online file

Check local folder

Policy

No policy

Display

MediaConchHtml

Verbosity

5

Select files

Choose File

No file selected

Check files

Results

Close all results

Apply a policy to all results

Choose a new policy to apply

Show

10

entries

Search:

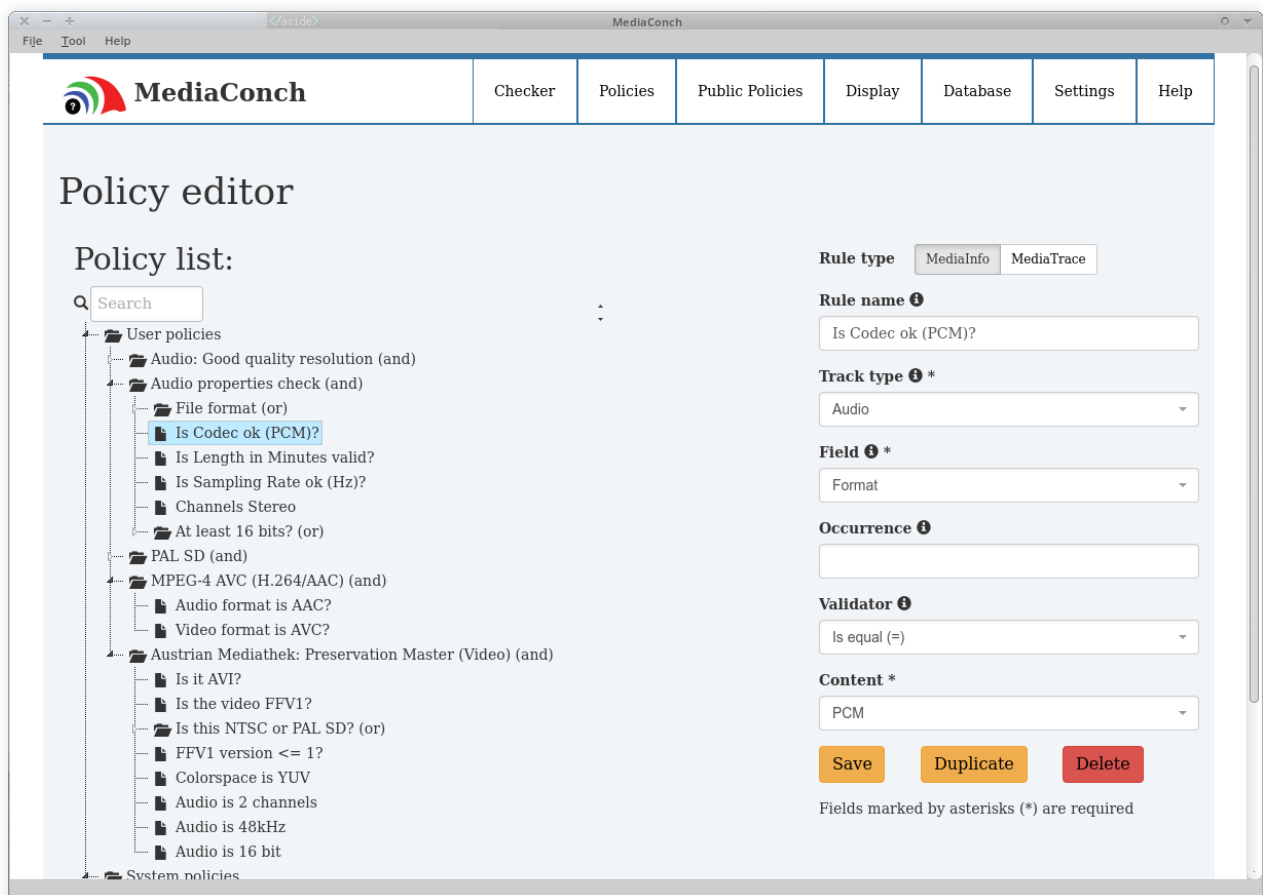
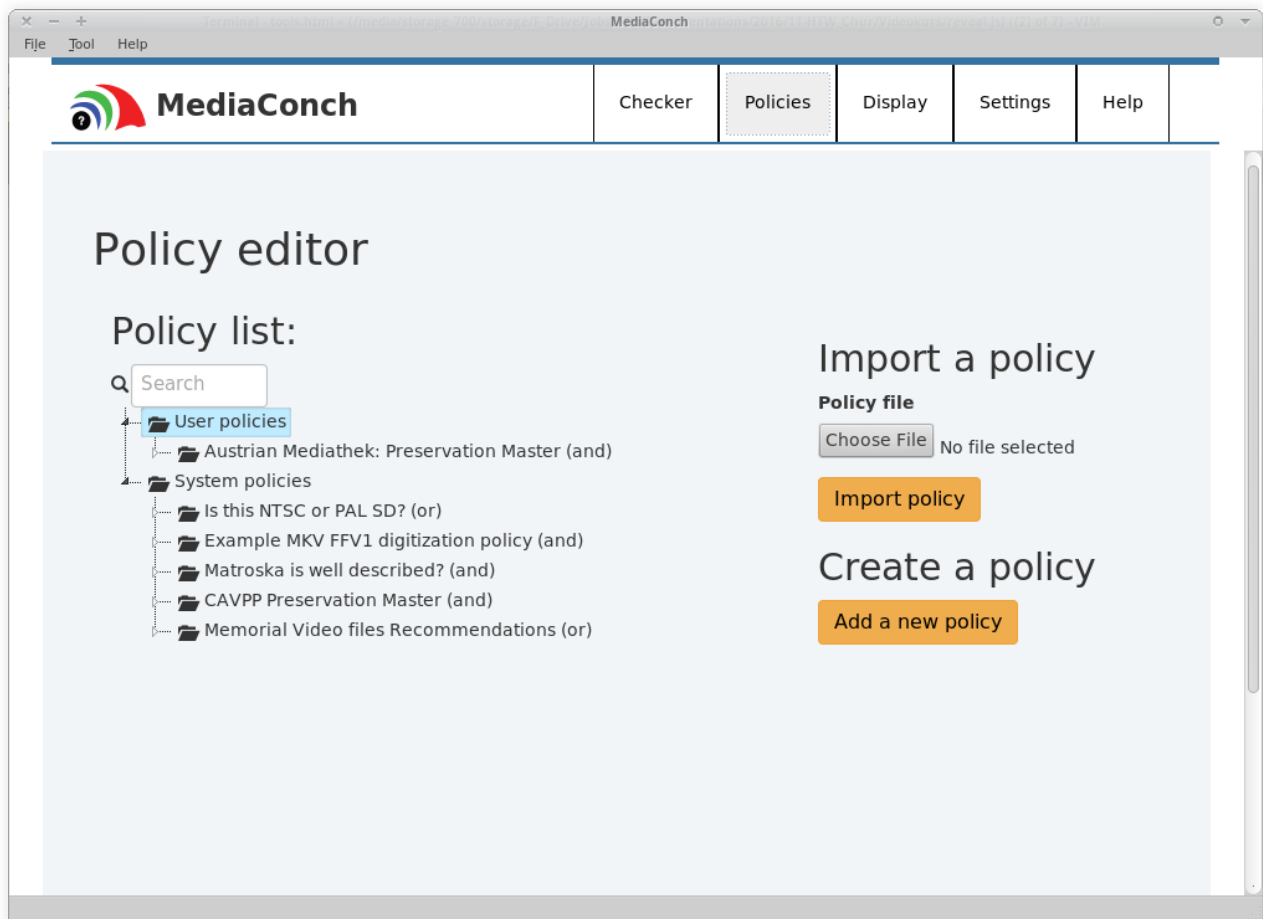
Files	Implementation	Policy	MediaInfo	MediaTrace	Status
FadingFocusHig.avi	Valid	Is this NTSC or PAL ...			Analyzed
Randy_Hunter_2013-06-25.mkv	Valid	N/A			Analyzed
bsp-00001-015.avi	Valid	N/A			Analyzed

Showing 1 to 3 of 3 entries

Previous

1

Next



# Implementation Checks

Currently implemented:

- Container Matroska (.mkv)  
(any codecs)
- Video FFV1  
(any container)
- Audio LPCM (any container)

Additional formats implementable on demand.

## Policy Checks

*Defined rule sets (aka “a policy”) for  
selected technical properties*

# Policy Checks

## Examples:

- Resolution (image, samplerate)
- Format/codec
- Framerate (fps)
- Bitrate
- ...

# Policies and Rules

- Policy = A branch
- Rule = A leaf
- Nested policies + rules?  
A tree!

# Policies and Rules

Policy types:

- **AND** = *all* must match
- **OR** = at least one match

## Exercise 1

Create a policy matching:

- PAL SD resolution
- PAL framerate

# Exercise 2

Create a policy from existing file.

Which rules to keep?

## Popular use cases

- Ingest of born digital “Banana boxes”
- Check before “move to archive”
- 3rd party digitization

**Comments?**

**Questions?**