Checking AV Properties - with MediaConch

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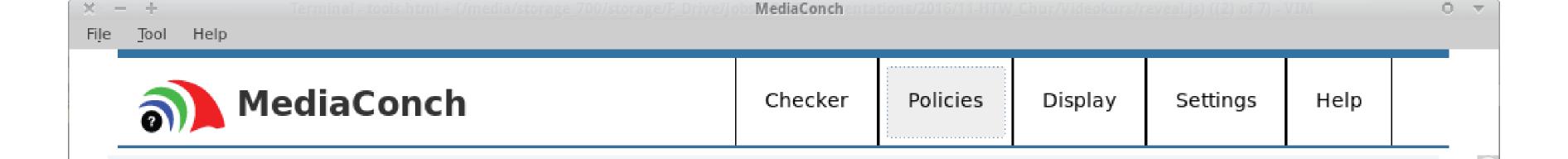
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MediaConch

Conformance- and policy-checker for media files.

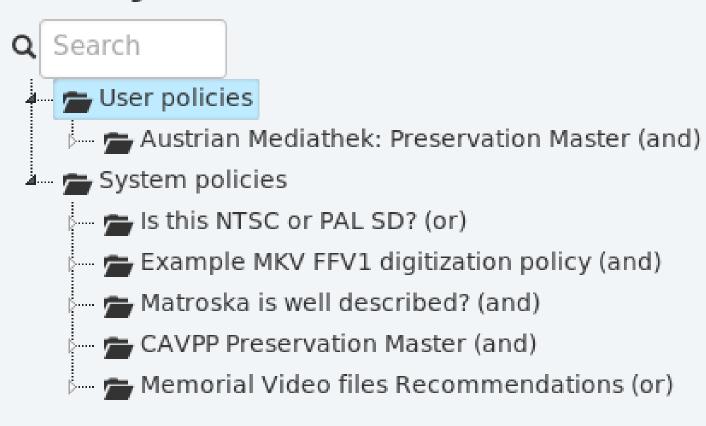
- Check if container/codecs meet specs.
- Policy-check for numerous media formats.
- Great for ingest of 'born-digital'.
- etc.

Website: mediaarea.net/MediaConch/



Policy editor

Policy list:



Import a policy

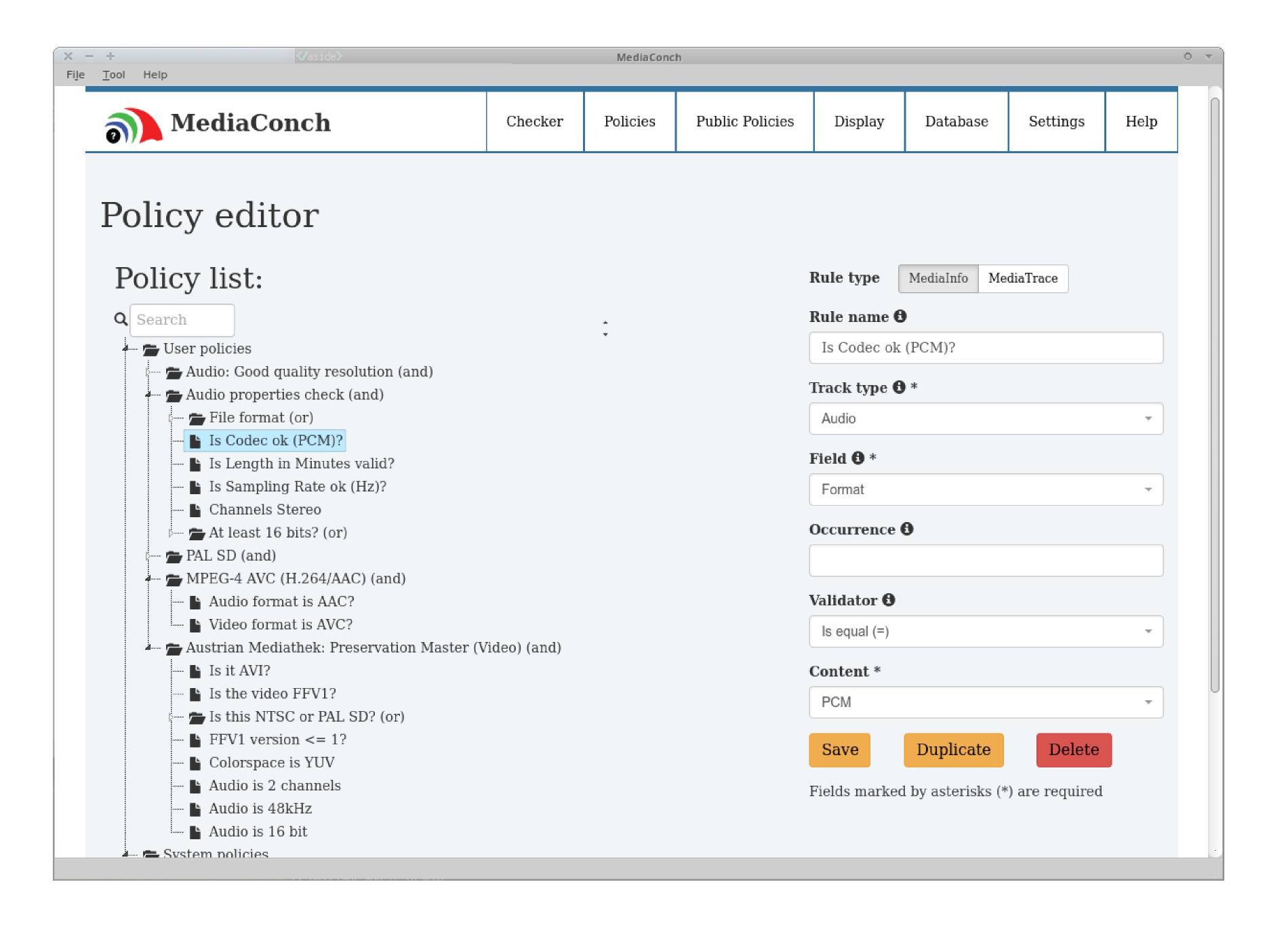
Policy file

Choose File No file selected

Import policy

Create a policy

Add a new policy



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

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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?