

Checking AV Properties with MediaConch

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MediaConch

Conformance- and policy-checker for media files.

- Check if FFV1/MKV meets specs.
- Policy-check for numerous media formats.
- Great for ingest of 'born-digital'.
- etc.



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

[x 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

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1

Next

Website: mediaarea.net/MediaConch/

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

Questions?

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