



Carl Wilson, Technical Lead, OPF

JHOVE 2020

# What is JHOVE?

JSTOR/Harvard Object Validation Environment

An EXTENSIBLE software framework for format:

- identification,
- validation, and
- characterisation.



# Or Put Another Way...

JHOVE provides some answers for the following questions regarding a digital object:

- What format is it?
- The object is of format: F, is it?
- The object is of format: F, what are its properties?



# The Future of JHOVE

- Better process for module versioning
- Assign IDs for error messages
- Instrumentation/monitoring/measurement
- JHOVE webservice REST API
- Standardise underlying reporting mechanism
- Java version increment
- Updating JHOVE test corpus / error reporting coverage
- Strategies for user updates and major changes (pre major changes in 1.24)



JHOVE currently has the following modules:

Text formats : ASCII, XML, PDF, HTML

Image formats : GIF, JPEG, JPEG200, TIFF, PNG

Sound formats : WAVE, AIFF

Container formats : WARC, GZIP

The OPF also maintains veraPDF (PDF/A), jpylyzer (JPEG200), DPF Manager (TIFF)....



# JHOVE community

Use the GitHub Issue tracker: <https://github.com/openpreserve/jhove/issues>

- If there's something wrong.
- If you have an idea about something that can be improved.
- If you'd like to see a new feature.

You can also submit a contribution as a GitHub Pull Request:

<https://github.com/openpreserve/jhove/pulls>

- This can be a fix for the code base
- It could be improvements to the documentation or website
- It could even be a whole new module



# Help support open source software!

JHOVE is **open source**: it is free to download, use and modify.

However, it is not free of costs to **host, maintain, support** or **develop** the software. Creating **user guides** and **training materials** also requires resources. Currently, only OPF members support JHOVE financially as part of their membership fees.

OPF members get **technical support** to use our products and can participate in the Product Board to **prioritise development**

Join us: <https://openpreservation.org/about/join/>



# Resources



<http://jhove.openpreservation.org/> (documentation)



<http://lists.openpreservation.org/listinfo/jhove> (user mailing list)



<https://github.com/openpreserve/jhove> (code)



@openpreserve



[info@openpreservation.org](mailto:info@openpreservation.org)



<http://openpreservation.org/>

