THE PREFORMA TOOLS

PREFORMA

FOUR INDEPENDENT MODULES

- **Implementation checker**: validates compliance with the specification in all respects.
- **Policy checker**: enforces custom institutional policies beyond the scope of the specification itself.
- **Reporter**: produces customisable reports formatted for both human readability and automated parsing.
- **Metadata fixer**: carries out any corrections to file metadata, if necessary, to achieve conformance with the specification.

THREE ADAPTABLE PROGRAM INTERFACES

- Command line
- GUI
- Web-based

THREE DEPLOYMENT OPTIONS

- Standalone executable available for most operating systems
- Network deployment as a client-server application
- Integration with third-party systems via APIs

OPEN SOURCE

- All software is released under the GPLv3+ and MPLv2+ open licenses
- All digital assets are released under the Creative Commons license CC-BY v4.0

CONTACTS

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MANAGEMENT

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A TOOLSET TO FUTURE-PROOF YOUR DIGITAL FILES

PREFORMA: SMART SOLUTIONS FOR DIGITAL PRESERVATION

THE IMPORTANCE OF FILE CHECKING FOR DIGITAL PRESERVATION

Digital preservation means taking precautions to ensure **long-term access** to digital content. It mitigates the risk of files becoming **obsolete** or **unusable** in the future.

THREE STEPS TO MAKING YOUR DATA FUTURE-PROOF

- Validate your incoming file formats and codecs against their **standard specification**. Files that conform with their specification can be parsed, processed or rendered consistently by any software that honours the specification.
- If necessary, define your own **custom acceptance criteria** for archival content and validate whether incoming files comply with such criteria.
- Make these checks part of your **processing workflow**.

PREFORMA TOOLS HELP YOU CHECK YOUR FILE CONFORMANCE, DEFINE YOUR POLICIES, AND BUILD AN EFFICIENT INGEST WORKFLOW

PREFORMA PROJECT PARTNERS

Riksarkivet

PROMOTER

Fraunhofer IDMT

UNIVERSITY OF SKÖVDE

PACKED
Centre of Expertise in Digital Heritage

UNIVERSITÀ DEGLI STUDI DI PADOVA

BEELD EN GELUID

IRPA KIK

GREEK FILM CENTRE

LGMA

Institut für Museumsforschung
Staatliche Museen zu Berlin

Ajuntament de Girona

REPUBLIC OF ESTONIA
MINISTRY OF CULTURE

National Library of Sweden

AEDEKA

PREFORMA PROJECT SUPPLIERS

veraPDF

DPF Manager

OFFICIAL MEDIA PARTNER

DIGITAL CULTURE
www.digitalmeetsculture.net

Preforma is co-funded by the European Union

CHECK YOUR PDF DOCUMENTS WITH VERAPDF

veraPDF is an industry-supported open source validator and authoritative test-suite for PDF/A, the ISO standard for long-term preservation of PDF documents.

KEY FEATURES

- Assess **PDF/A conformance** claims in PDF documents
- Optionally, **add or remove PDF/A metadata** based on validator results
- Enforce **local institutional policy** based on PDF features
- Detect **embedded files** and extract associated metadata
- Report on PDF **metadata and features**
- **Easily integrate** with existing systems and automated workflows

Download veraPDF for free at: http://www.preforma-project.eu/pdfa-conformance-checker.html

CHECK YOUR TIFF FILES WITH DPF MANAGER

DPF Manager is the most advanced TIFF conformance checker and it is the only existing application able to validate digital images against **TI/A**, the new TIFF specification specifically designed for archival and long-term preservation purposes.

KEY FEATURES

- Validate the **conformance** to specific **normative** and to locally-defined **policy rules**
- Identify the **TIFF specifications** a file complies with
- Report **metadata inconsistencies**
- **Fix** a TIFF file to make it compliant with the selected criteria
- Easily **integrate with DAM software**
- Report information in **METS**, **PREMIS** and **NISO** standards

Download DPF Manager for free at: http://www.preforma-project.eu/dpf-manager.html

CHECK YOUR AUDIOVISUAL FILES WITH MEDIACONCH

MediaConch allows to automatically inspect media files. It lets you identify which of them need more granular care to be successfully played back far into the future.

KEY FEATURES

- Optimised to work with **Matroska-wrapped FFV1 and LPCM** encoded audiovisual files
- Validate files down to the **bit-level**
- Automatically and quickly detect common errors **as a first pass**
- Create and share **in-house policies**
- Warn about possible **compatibility issues**
- **Fix** minor bit-level file errors

Download MediaConch for free at: http://www.preforma-project.eu/mediaconch.html

THE PROJECT

PREFORMA is a pre-commercial procurement project co-funded by the European Commission to enable memory institutions to **take control** of the **conformity testing** of digital files intended for **long-term preservation**.

THE COMMUNITY

The PREFORMA consortium, coordinated by the National Archives of Sweden, comprises **15 partners from 9 European countries**. These partners include national and local cultural organisations, audiovisual archives, public libraries, research centers, universities and SMEs. During the project, a community of experts and users contributing to our work has grown to include **more than 500 individuals from 50 countries** across the globe.

JOIN US!

Through cooperation with institutions and organisations interested in validating the most common file-formats they curate, the PREFORMA tools are **integrated into production environments** worldwide.