

10 years after PREFORMA

- May 2015: start of PREFORMA project
- June 2017: version 1.0 with PDF/A 1,2,3 support
- February 2021: support for PDF/UA-1
- January 2022: support for PDF/A-4
- May 2024: support for PDF/UA-2 and ISO 32005
- August 2024: Arlington model implementation
- April 2025: latest release 1.28 adds WTPDF support

The veraPDF consortium

Archival institutions



Governing bodies



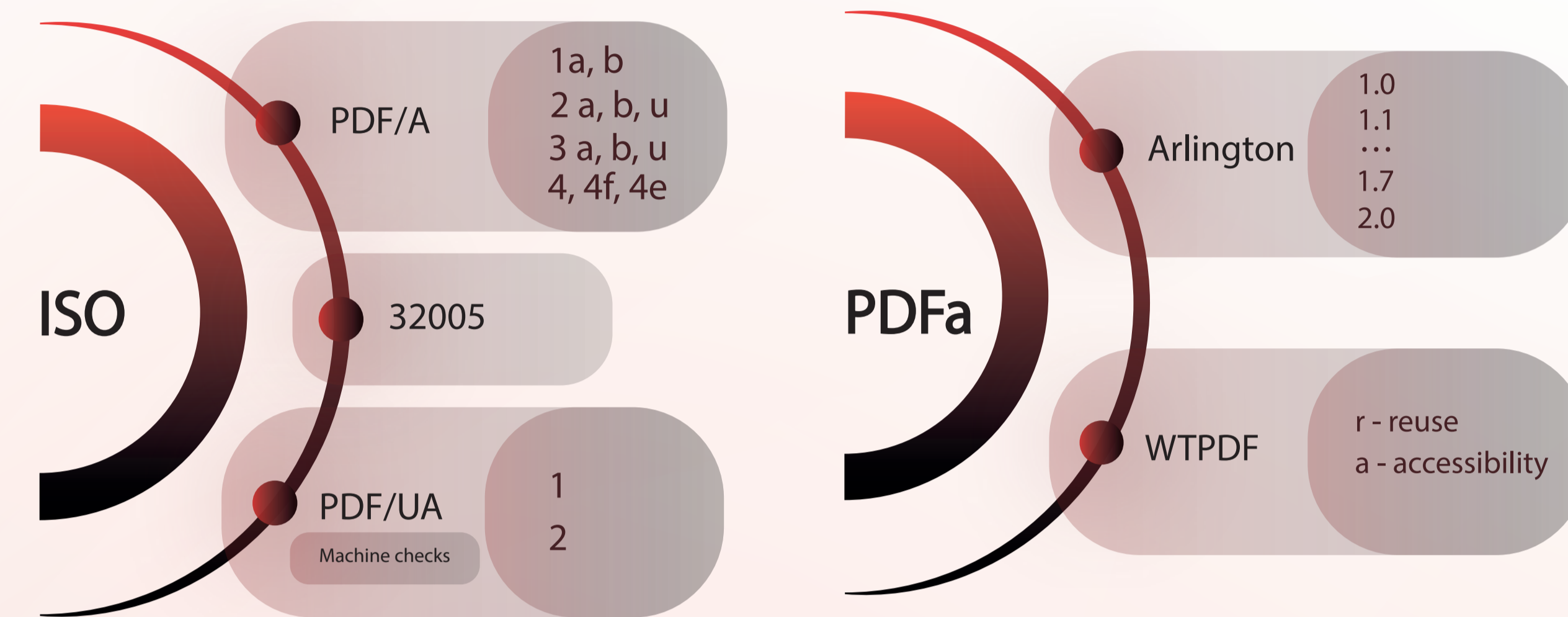
Document Industry

ISO TC 171 SC 2

Implementation partner

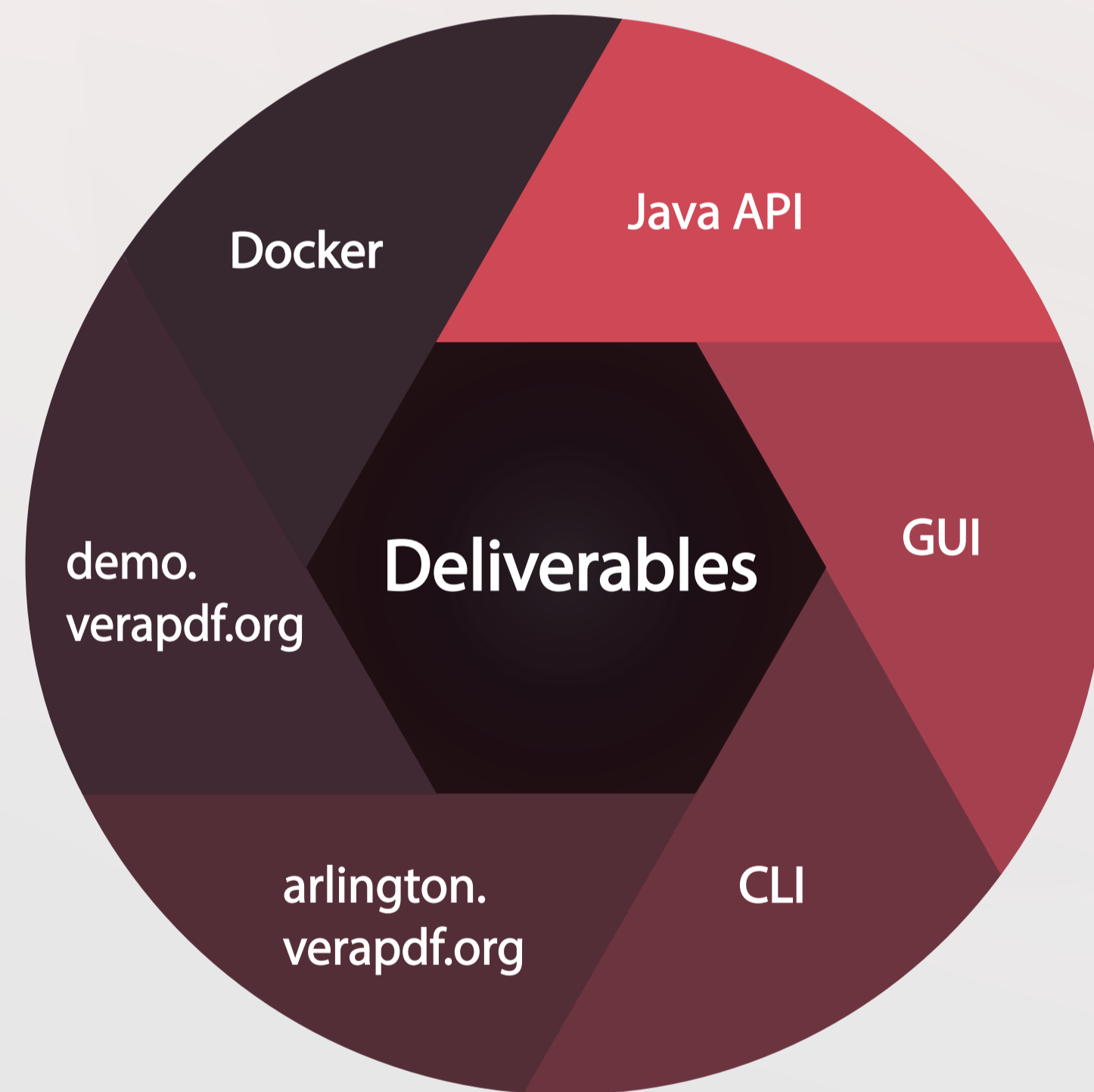


Supported standards



Development and support

- Active GitHub portal at github.com/verapdf
- 550+ issues reported and fixed
- 3000+ pull requests merged
- Releases 1-2 times a year
- Regression tests:
 - 120+ for CLI and GUI
 - 380+ for PDF/A
 - 20+ for PDF/UA
- Every development build is available at: <https://software.verapdf.org/develop>



veraPDF Advanced features

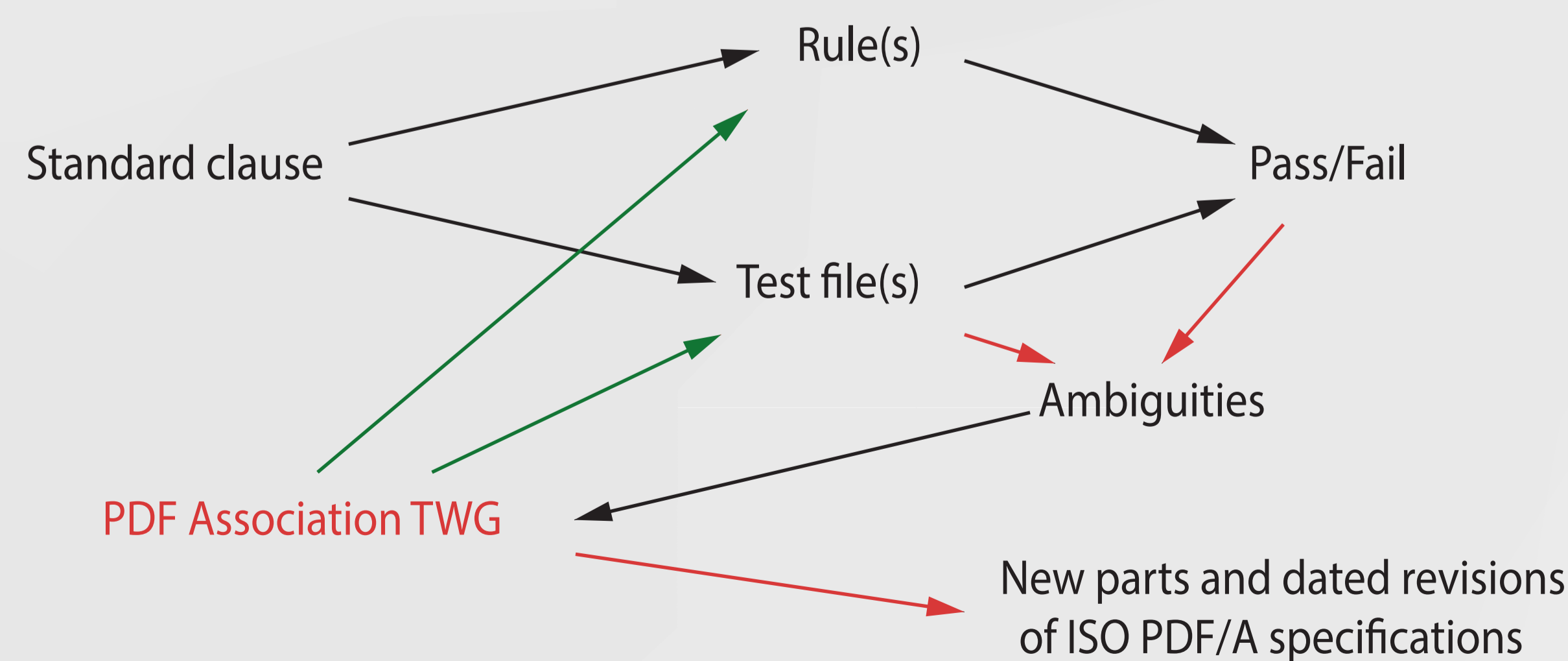
More than just PDF validation

- Test corpus covering both PDF/A and PDF/UA (all parts):
 - 2197 PDF/A test files
 - 433 PDF/UA test files
- Fixing metadata
- PDF features and custom policies
- Plug-ins for 3rd party validators of embedded files, images, fonts, custom metadata

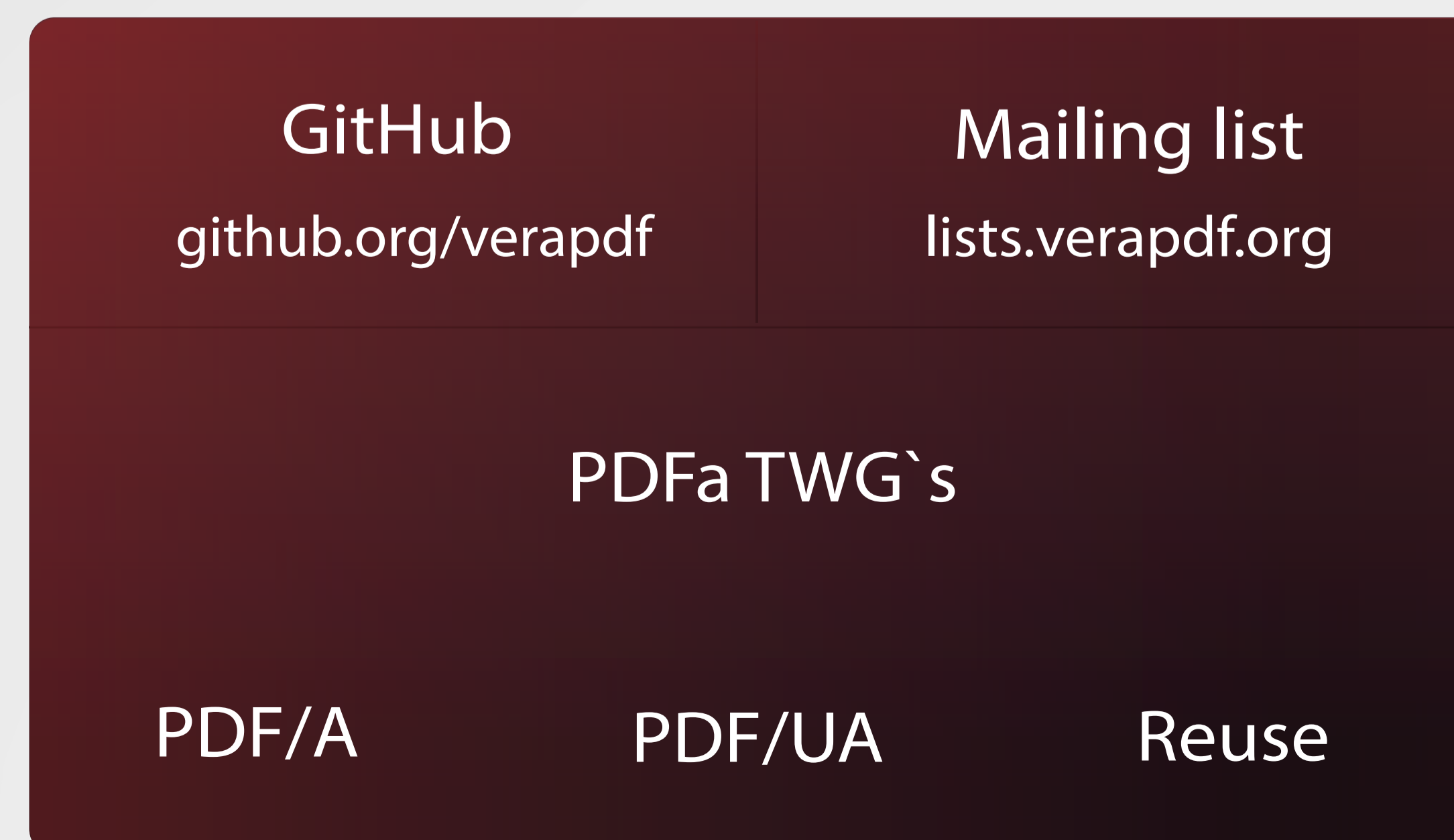
Advanced processing and integration

- Bulk processing:
 - recursive scan of folders,
 - looking into ZIPs,
 - Multiprocess and multithreading parallelization
- Integration interfaces:
 - CLI
 - Java API
 - Rest API in Docker (100K+ downloads from DockerHub.com)
 - Web demos at <https://demo.verapdf.org> and <https://arlington.verapdf.org>

veraPDF process for standard clarification



Community



The Arlington PDF Model

- The Arlington PDF Model is a specification-derived, machine-readable definition of the full PDF document object model (DOM) as defined by the official PDF 2.0 specification ISO 32000-2:2020 and its related resolved errata
- Developed by PDF Association (led by its CTO Peter Wyatt) as a part of DARPA SafeDocs project
- <https://github.com/pdf-association/arlington-pdf-model>
- veraPDF support for Arlington:
 - Convert Arlington model (TSV files) into veraPDF model + profiles
 - Download installers at: <https://software.verapdf.org/releases/arlington>
 - Web demo at: <https://arlington.verapdf.org>