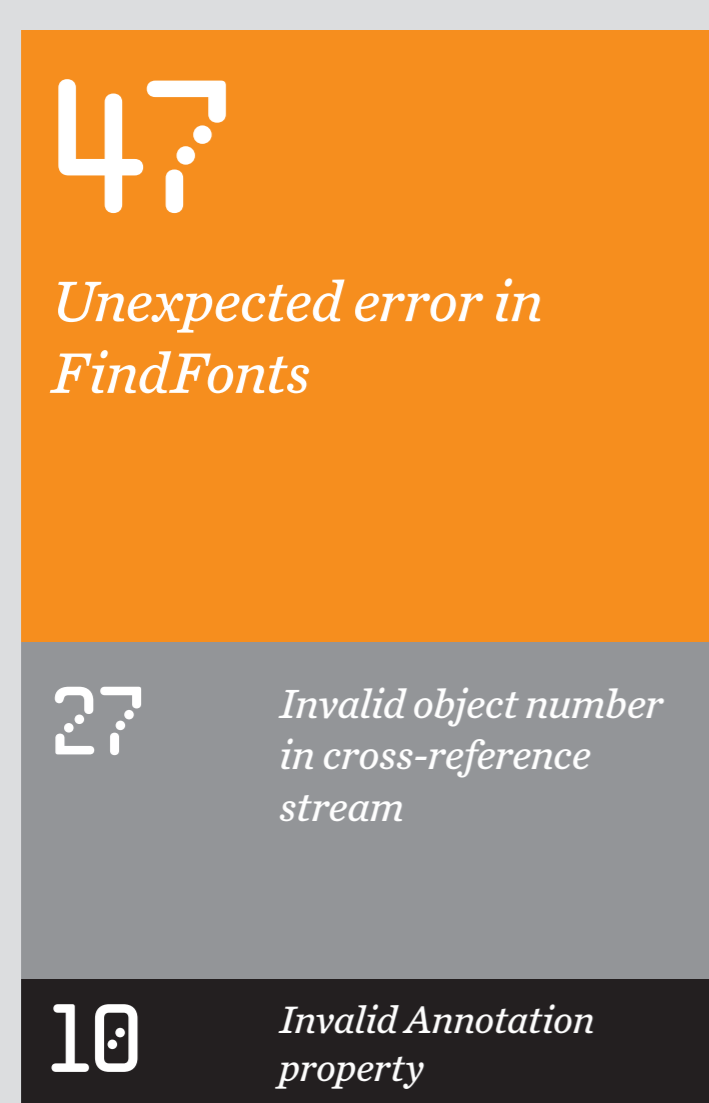


DIGITAL PRESERVATION

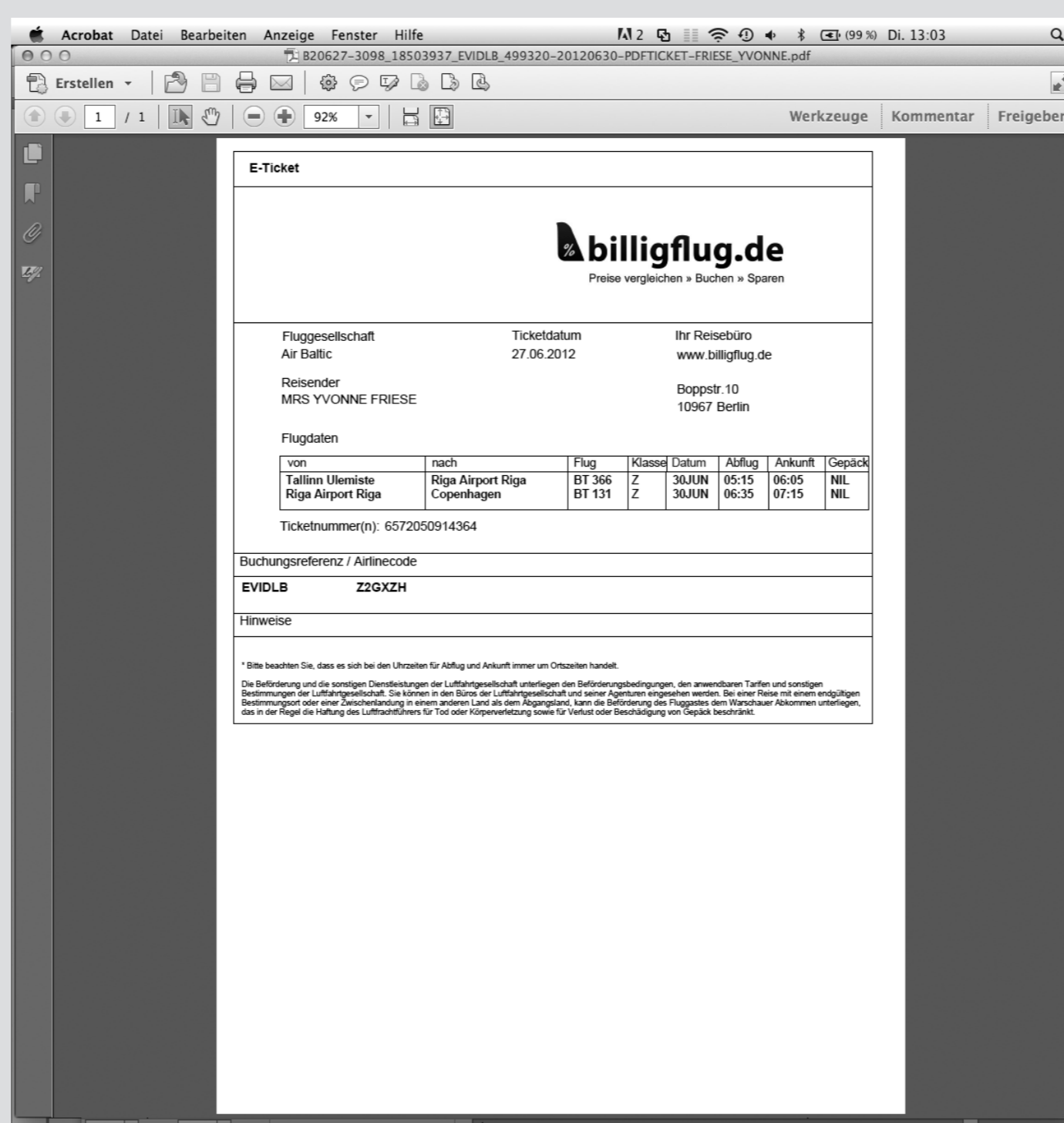
Hunger for Automation – The first migration actions in our Rosetta Digital Archive

→ CHALLENGE

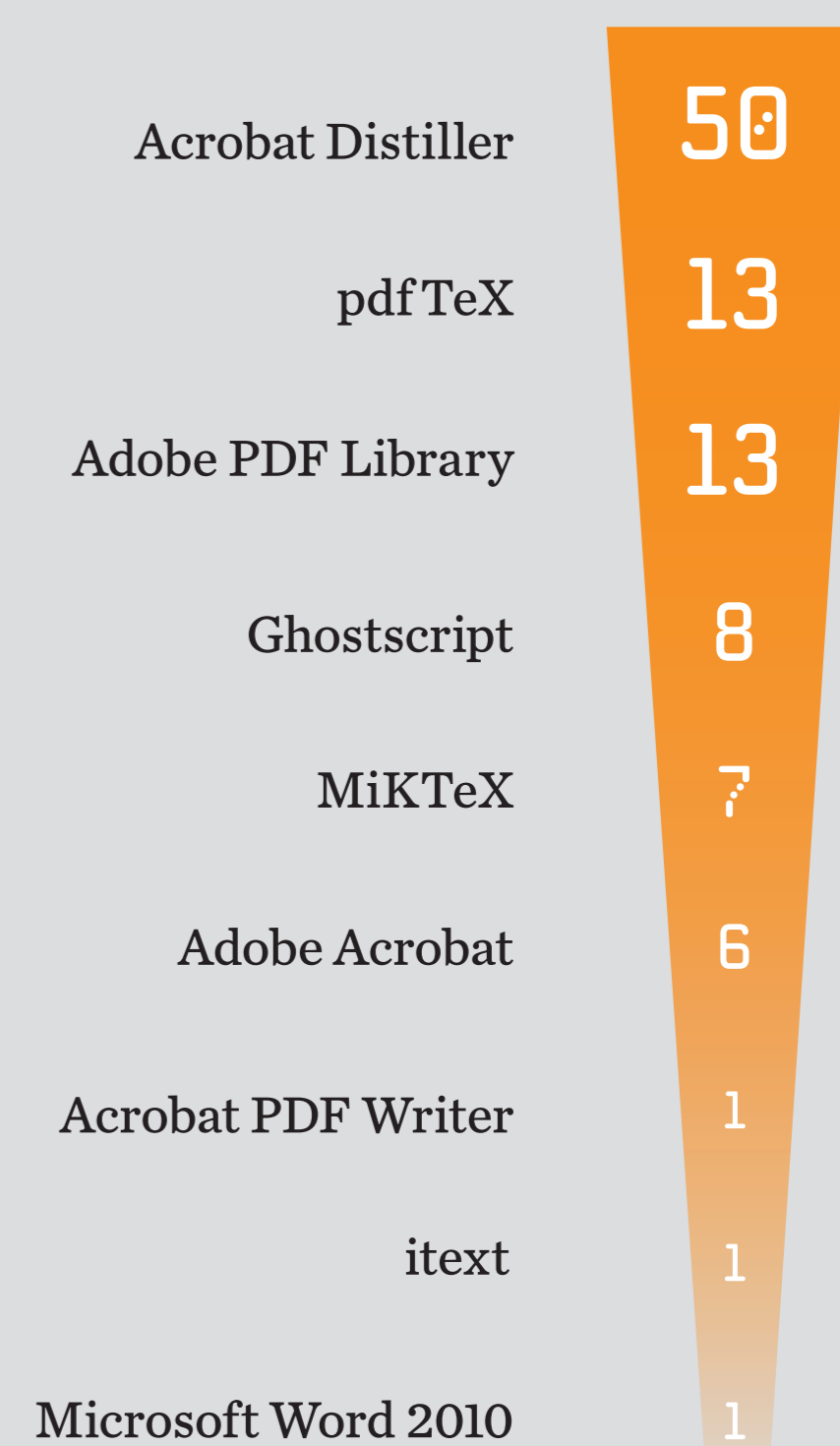
Top 3 JHOVE Error messages (in %)



Example: Flight ticket in PDF Format – the information has to be reliable

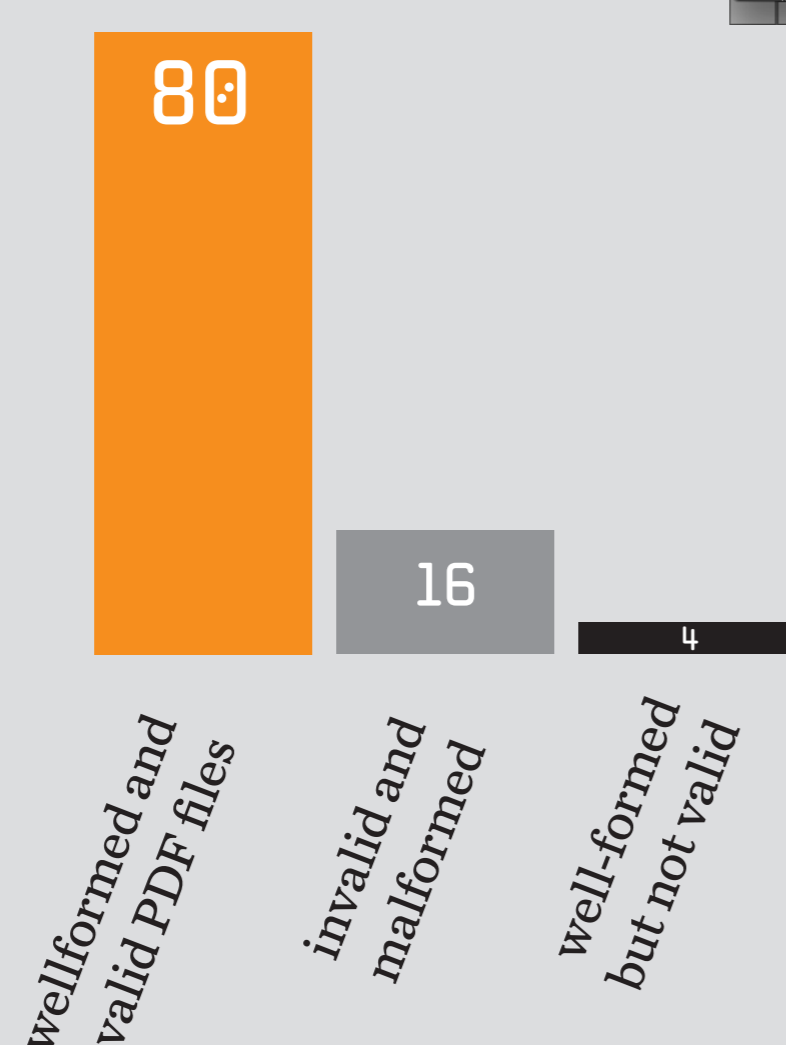


Software used for PDF-Creation (in %)

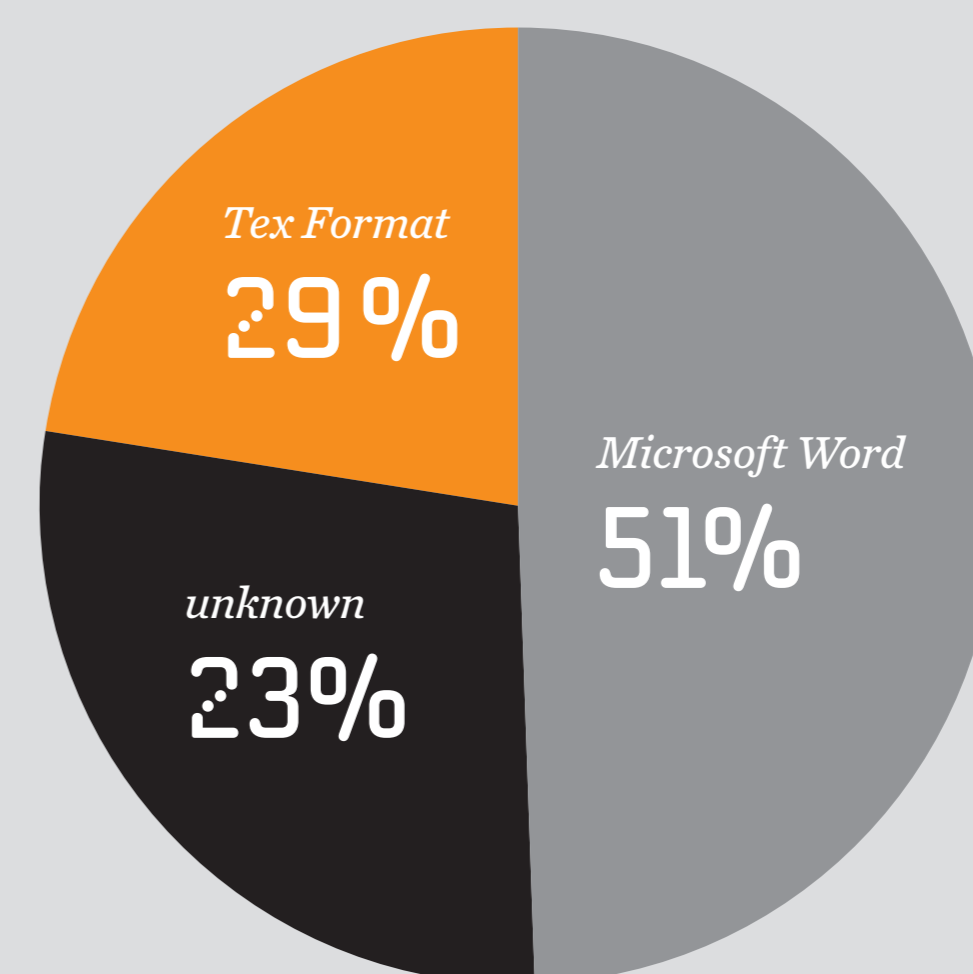


ZBW DSpace Open Access Repository (in %)

Ingest into the Archive 2012 : 47,000 PDF files



Original Format



→ SOLUTION

Goal

- Migrate all invalid and malformed PDF-files to valid and well-formed PDF files version 1.5
- Keep the original PDF file and the migrated PDF within the same Intellectual Entity in the Digital Archive
- Have all steps documented in the Metadata

How to achieve it

- Via a self-built iText-based Java Tool
- Integrate the tool as a plugin for our Digital Preservation Software Rosetta
- Automate it for the PDF files that are already in the Archive
- Implement it into the workflow of the Preservation System to run it for all newly ingested PDF files as well