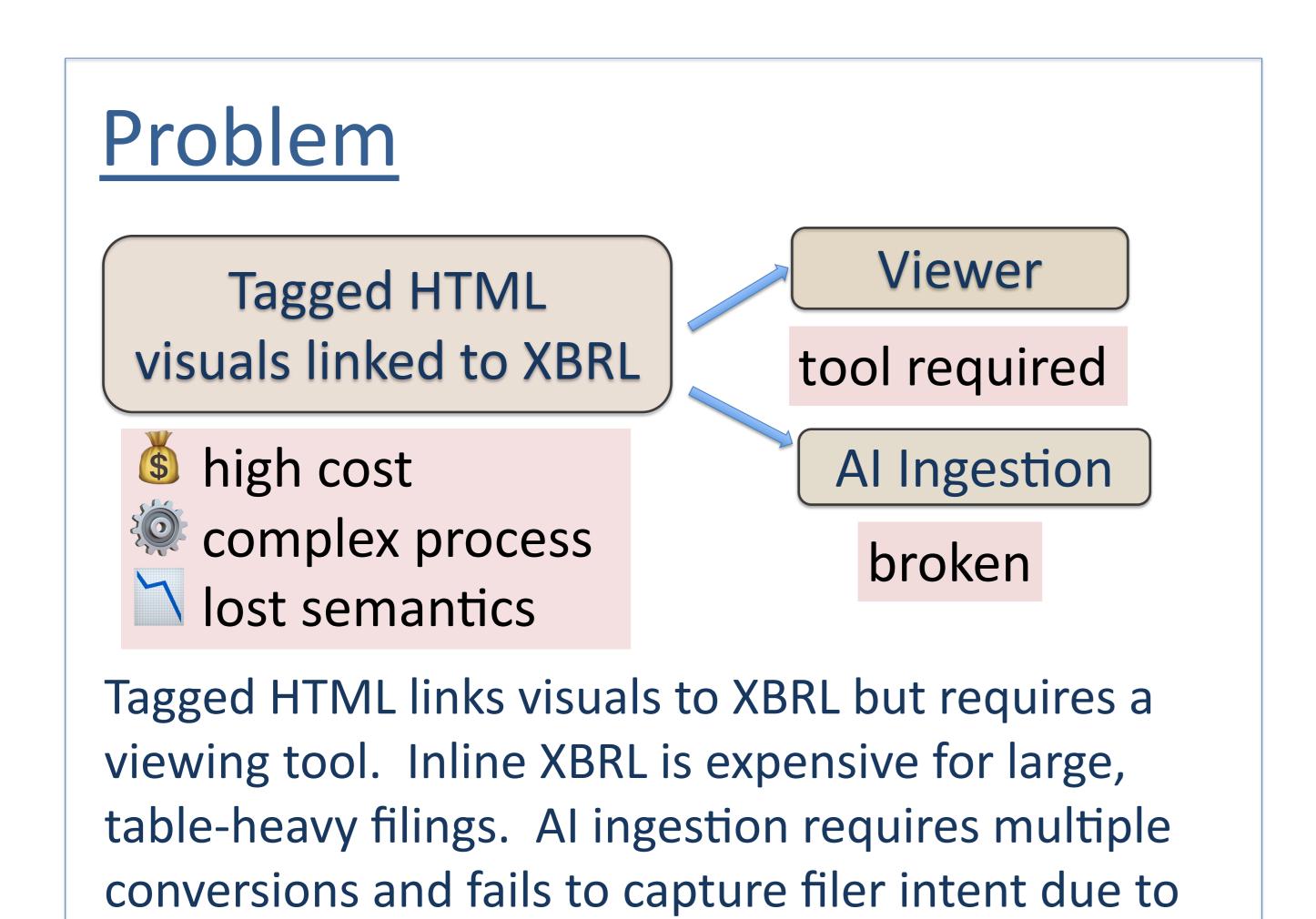
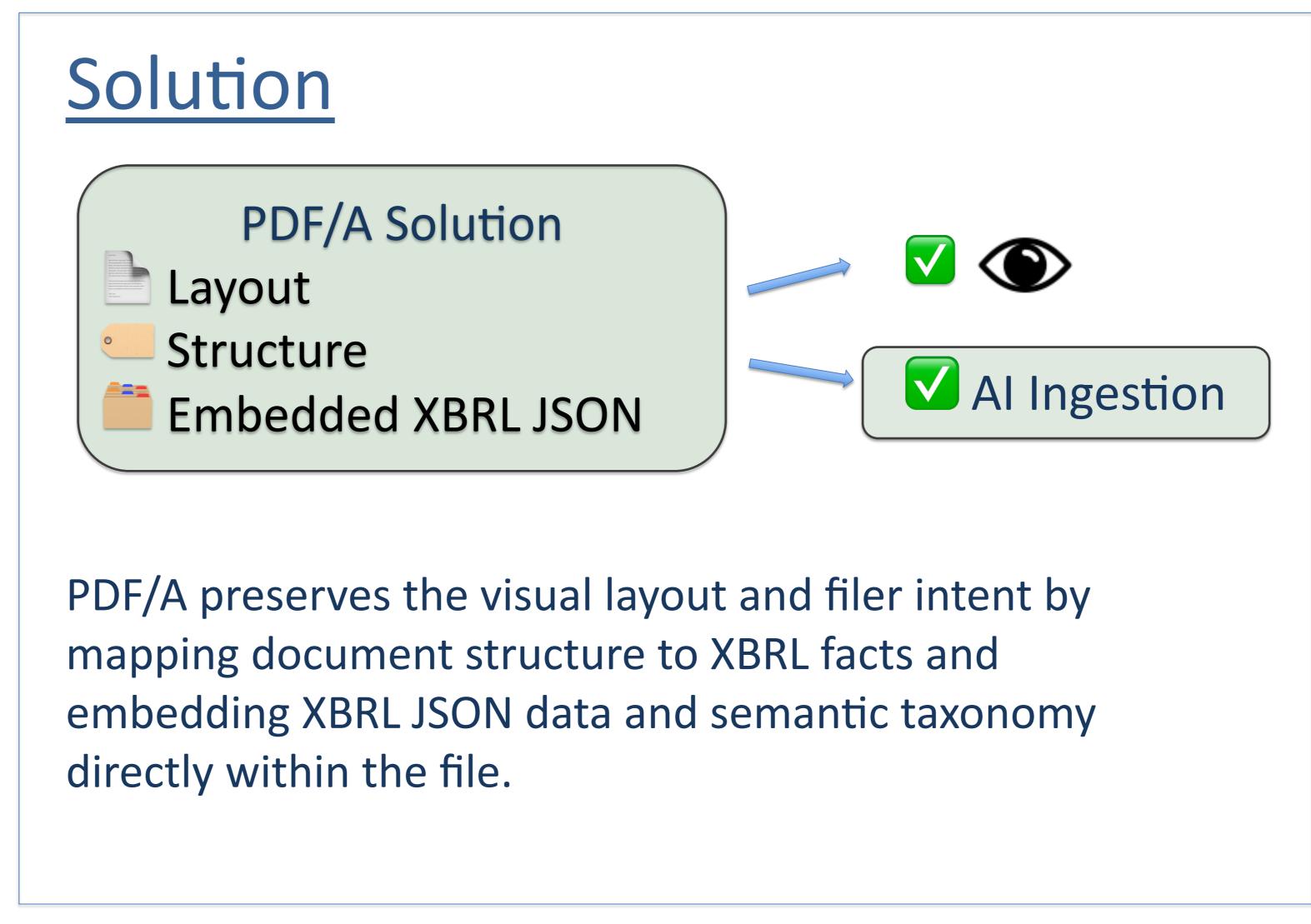
PDF Days Europe 2025

PDF/A Proof of Concept for XBRL

Herm Fischer – Exbee Ltd



rigid XML taxonomies.



Proof of Concept

Arelle and PDF plugins

Use Cases

- Replace HTML filings
- Pre-tagged PDF forms
- Large tables (xBRL-CSV)

Inline XBRL — HTML vs PDF Submissions

Inline XBRL (tagged HTML) + XBRL taxonomy (XML) in Report Package (zip) Agency Website Inline XBRL Viewer Filer Authoring Agency Systems Tagged HTML XBRL Report Package inline XBRL package ingest (Word/Excel/InDesign + iXBRL tools) (Validation / Storage) (Zip: instance + resources) (Inline XBRL) Al Consumption (convert to xBRL-JSON, lost semantics) PDF/A + OIM JSON (Al-Ready) Any Website PDF Tools + plugin Filer Authoring PDF/A Report Package Tagged PDF/A Agency Systems embed package ingest (PDF design tool + tagging) semantics (Validation / Storage) (Accessibility structure) (Portfolio or flat) Al Consumption (has xBRL-JSON with filer semantics)

Key differences: • PDF/A carries structure + OIM JSON inside → fewer conversions • Pixel-perfect rendering with accessibility • Easier AI ingestion