WHITE / GREEN PAPER SERIES

AIDE Provenance Badge

Design and Implementation Guidelines

Purpose

A provenance badge is a compact, visual signal that an AI Disclosure Event (AIDE) exists for this research object. It links to a resolver landing page with full disclosure metadata.

Design principles

• Minimal footprint (SVG/PNG embed or PDF overlay) • Displays three trust markers: ORCID iD (who), model PID (what), DOI (where) • Links via HTTPS to resolver landing page • Machine■actionable: badge includes JSON■LD metadata • Colour accessible: WCAG■AA contrast

Badge fields

• Actor ORCID (icon + short iD) • Model PID (icon + DOI stub) • Disclosure DOI • Optional hash capsule indicator (■)

Resolver behaviour

Clicking badge takes user to disclosure landing page (DOI resolver). Resolver must: 1) Display human■readable disclosure summary 2) Expose JSON and XML metadata endpoints 3) Provide export formats (RIS, CSL JSON)

Pilot recommendation

Test badges on preprint PDFs and publisher landing pages; gather user feedback on recognition and clarity.