



fRamework for safE, opEn, collaboratiVe And incLUusive digitisAtion and management of cultural heritagE

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DELIVERABLE 2.3:

Contextualisation Enabler

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Document Sheet

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Publishable summary

This document describes the Contextualisation Enabler, an essential component of the REEVALUATE platform, specifically designed to enhance digital artifacts with comprehensive contextual metadata. Utilizing Artificial Intelligence models, the Contextualisation Enabler facilitates semantic enrichment for both visual and textual data. Furthermore, it incorporates an innovative reinforcement learning with human feedback (RLHF) mechanism, enabling expert curators to continuously refine AI-generated annotations. Finally, curators can involve other stakeholders (external curators, experts, general public, etc.) in generating additional contextual data through public driven campaigns. This document outlines the Release no. 1 of the technical architecture of the Contextualisation Enabler, implemented models, and preliminary experimental evaluations, demonstrating the effectiveness of integrating artificial intelligence with human expert validation to ensure precise and contextually rich digitisation of cultural heritage assets. The document reports also the screenshots of the visual interface that will power the Contextualization Enabler of the REEVALUATE project.