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[Accueil](#) > An Ontology for 3D Visualisation in Cultural Heritage (Valeria Vitale)

AN ONTOLOGY FOR 3D VISUALISATION IN CULTURAL HERITAGE (VALERIA VITALE)

Behind each scholarly 3D visualisation is a thorough study of records, iconography, literary sources, artistic canons and precedents. However, this research process is seldom visible in the final outcome to either the general public or the academy. This paper suggests the use of an RDF ontology to describe 3D models, identify relationships, and connect them to their diverse related sources (photographs, GIS coordinates, academic literature, etc.). If such an ontology can be derived and applied it will optimise the documentation process, and further, allow 3D visualisations to join and enrich the growing network of linked digital resources to study the past.
