# **ReadMe:**

# *Beyond the Multiplex: WP1 – Ontology (VOWL file)*

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The below dataset is an .owl file (readable in XML format). It represents the first version of the computational ontology developed for Work Package 1 of arts and humanities research council (AHRC) funded project ‘Beyond the Multiplex: Audiences for specialised film in English regions’ – UK Research and innovation (UKRI) funding reference: AH/P005780/I.

This dataset was deposited within the University of Glasgow data repository by Dr. Matthew Hanchard, Research Associate in the University of Glasgow School of Social and Political Sciences.

This version of the computational ontology was initially developed in Javascript, converted into a JSON (JavaScript Object Notation), and then imported into WebVOWL (version 1.1.7). WebVOWL is an open-source interactive semantic web-based application often used to visualise ontologies. To convert the Javascript code of our ontology into a JSON file, we use the OWL2VOWL conversion tool (a core feature of WebVOWL). Once imported in WebVOWL, we generated and exported .owl file which is provided as the below dataset. The file uses the visual notation for OWL ontologies (VOWL) syntax the structure and format of visualisations, e.g., through a standardising set of rules for the representation of classes, colours, shapes, and manor other aspects of the visualisation.

This version of the computational ontology was developed by Kathy Rogers (Software Engineer at the University of Sheffield Digital Humanities Institute (DHI), with its structure defined by outputs in other work packages across the ‘Beyond the Multiplex’ project.

# The University of Glasgow’s Enlighten research data repository has full permission to store this dataset and to make it open access for public re-use without restriction.

# A duplicate of this dataset is stored on the data repository managed by the Digital Humanities Institute (DHI) based at the University of Sheffield.

# The dataset is an .owl format, which may be opened in any OWL visualisation platform, e.g. WebVOWL, OWLGrEd, or OWLViz.