

Publishing versioned datasets using OCFL and nginx

Michael Lynch¹

¹University of Technology Sydney, Australia, Michael.Lynch@uts.edu.au

ABSTRACT

The Oxford Common File Layout (OCFL) is a new specification for the storage of digital objects on a filesystem in a way which encourages flexibility and reusability. In this talk I will explain how we are using OCFL to provide efficient and secure access to versioned datasets via the industry-standard web server nginx as part of our ARDC-funded project for a FAIR static research data repository. I'll describe how the OCFL approach of laying out data on a static filesystem with machine-readable, versioned metadata could allow a similar technique to be used with other web technologies.