

usability and ease of annotation of the system. In addition, the use of Python's standard rdflib library for interfacing with RDF data is not currently supported by the OpenCASA system. Alignment with the broader RDF community, and use of tools such as rdflib for managing RDF data in the OpenCASA environment, is expected as the platform matures.

Finally, there is a demand on the user-facing side of the OpenCASA system for the ability to bind objects together in virtual "collections," i.e. groups of objects that can be acted upon as a collective, whether through simple viewing by an end-user or more active engagement such as performing a preservation event. These relationships, among others, will be expressed using the `dcterms:isPartOf` element. It is not clear at this time what the nature of these "collections" will be, and who will be allowed to create them; for example, if they will be curated exhibits managed by curators within the OpenCASA environment, or if any user will be allowed to manage their own personal collections of digital objects. The technical challenges associated with binding objects together in local collections within OpenCASA will present a number of interesting challenges for future metadata services.

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