**FOLIO: BIBFRAME Expectations**

FOLIO is an open source library services platform developed by a global community of libraries, developers, and companies. The platform is based on an app-store model to support traditional functions in the short term and facilitate extension and innovation over time. A Version 1 release is scheduled for the end of 2018.

The initial FOLIO release will meet Steps 1-2 as laid out in the BIBFRAME Expectations for ILS Tenders document. FOLIO's bibliographic/inventory data model is designed to span electronic and print resources and to provide a transition path from traditional bibliographic tools and practices to the future implied by BIBFRAME. The entity-based data model is inspired by BIBFRAME itself and supports works, instances, holdings, and items, along with linked authority records within the cataloging module. These features will support a planned export tool, allowing the record-oriented MARC data to be converted into linked data formats.

FOLIO's unique approach to managing bibliographic data will position it to evolve through Steps 3-8. The bibliographic data model features an abstraction layer that will support multiple, rich metadata formats and multiple models of management. This means that a FOLIO implementation does not have to be either record-oriented or entity-oriented. Instead, adaptors or plugins for different types of data sources will allow FOLIO to interact with many different bibliographic ecosystems, and display normalized records alongside each other in a single search. On top of the abstraction layer, FOLIO developers can create apps to provide services like acquisition, cataloging, and fulfillment, to push data to external repositories and discovery layers, largely without having to deal with the differences between different metadata models. (Note that a native discovery layer is out of scope for FOLIO.)
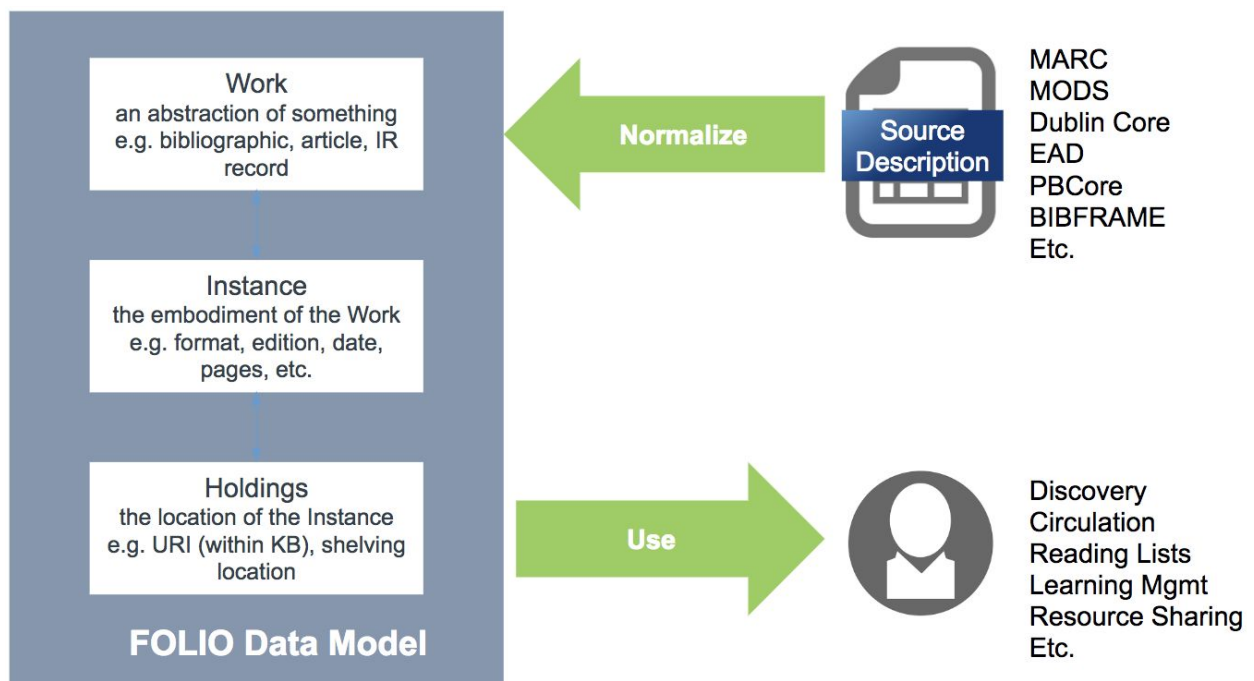
To accelerate innovation in these stages, Index Data is actively pursuing library partners to develop a proof-of-concept BIBFRAME-based bibliographic storage system for FOLIO. The proposed project would prove the generic nature of the data model by adding rudimentary support for BIBFRAME. The contributed code would provide a starting point for further experimentation and developments in BIBFRAME such as: editing/cataloging tools; integration with the FOLIO authority model; experiments with different storage models like triplestores and entity-sized blobs; and integration with external data sources.

FOLIO is also unique among library systems in its commitment to open development, allowing it to easily satisfy Step 10 of the tender requirements. FOLIO is open source, and all code, documentation, and development processes are free and open to the public. This model ensures that project information remains transparent and accessible. More importantly, it will give libraries the opportunity to contribute to the development of initiatives like BIBFRAME by participating in core development or creating their own modules to support linked data.

Taken as a whole, the intent of these features is to allow FOLIO to exist in the much more complex and evolving metadata landscape that libraries are facing today and in the future.

Learn more at http://folio.org.