



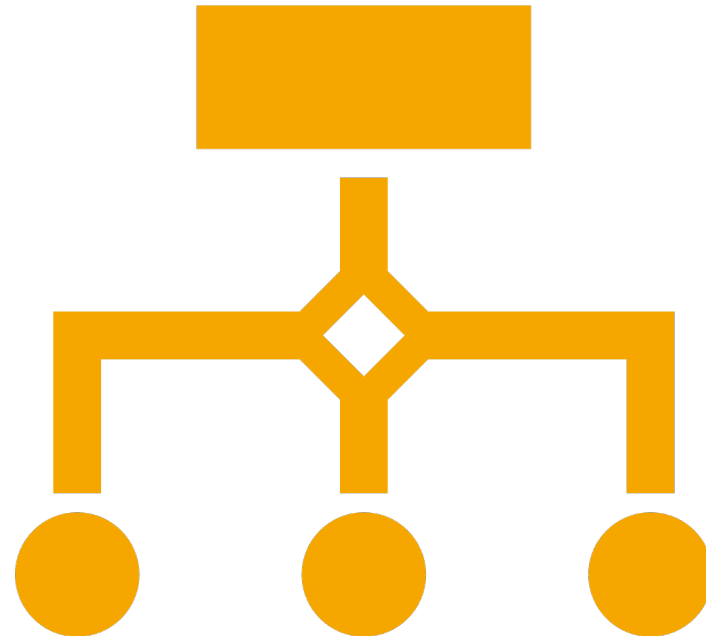
Integration of the Share- VDE Entity Editor and the Alma ILS

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Desired Flows

Using J. Cricket, a cataloger adds BF Work to Alma system.

... cataloger can place the record in context with other Works.

BIBFRAME Works cataloged in Alma appear in Share-VDE discovery.

Export RDF to Alma

Middleware as
Business
Logic/Normalization
Layer

```
graph TD; A["Middleware as Business Logic/Normalization Layer"] --- B["Alma RESTful API"]; A --- C["Share-VDE Curate API"]
```

Alma RESTful API

Share-VDE Curate
API



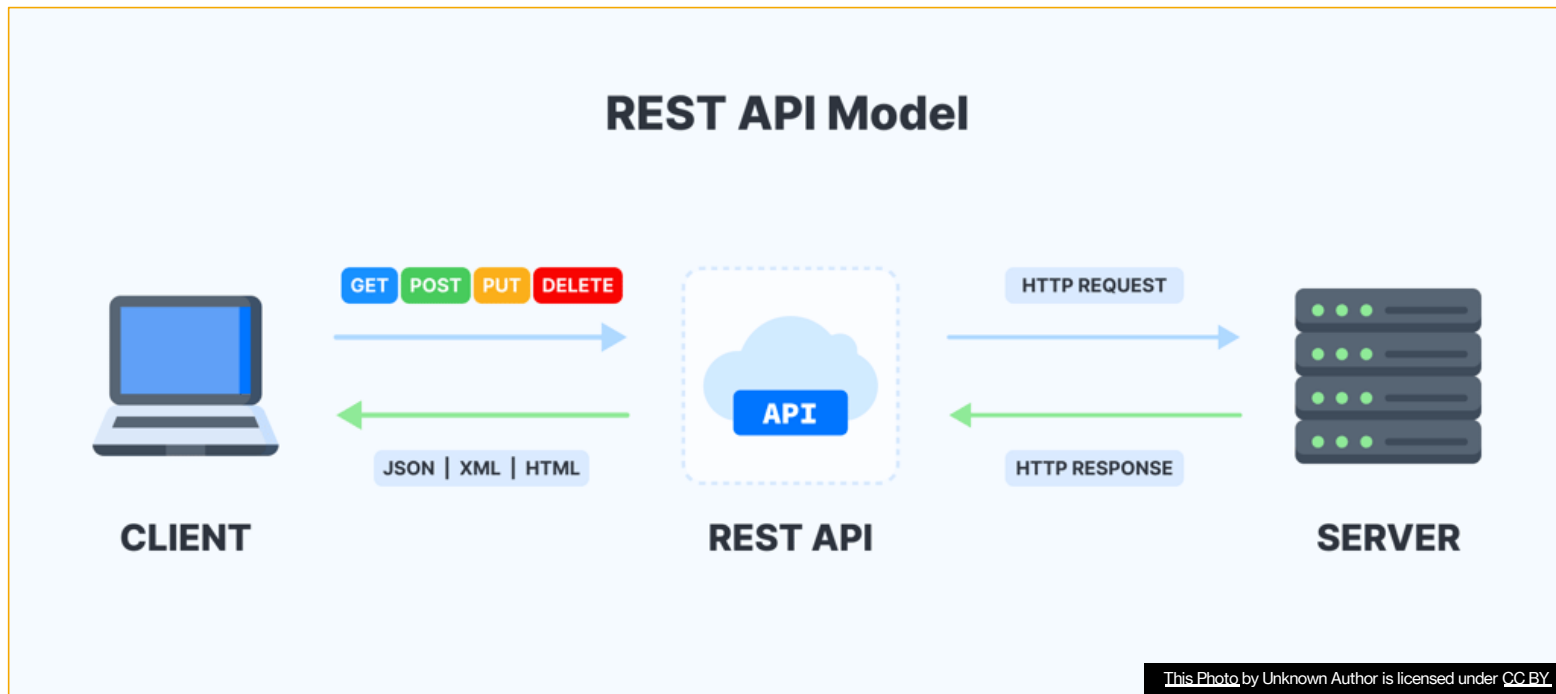
The Alma ILS has a **RESTful API** for their customers to use in creating and updating BIBFRAME Work and BIBFRAME Instance data in Alma.



The API supports third-party integrations.

https://developers.exlibrisgroup.com/alma/integrations/linked_data/bibframe/

Restful APIs



Share-VDE BF Model

<https://zenodo.org/doi/10.5281/zenodo.8332350>

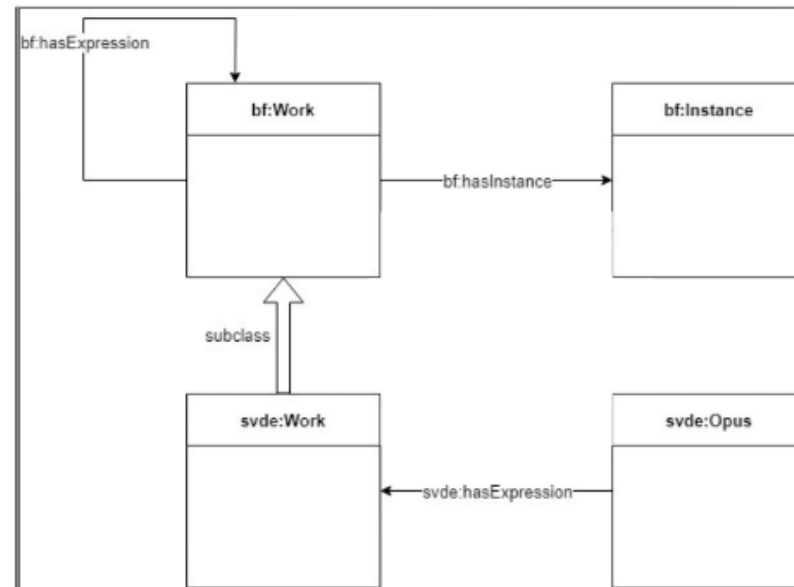


Fig. 1. Core classes described in the SVDE Ontology.

Create RDF using J Cricket API

Create

- Create a cluster (**svde:Opus**)
- Add **bf:works** to cluster

Export

- Export **bf:works** to Alma

Connecting Share-VDE Entity Editor and Alma



JCricket: Share-VDE **Entity Editor**
designed to facilitate:



management,



editing,



and **creation** of entities for
bibliographic and authority data.

BF Models



The **Alma system** has a very close adherence to the **BIBFRAME structure from Library of Congress**.



In **Share-VDE** the base of the model is **BIBFRAME**, with an **extension** for discovery purposes.

<https://zenodo.org/doi/10.5281/zenodo.8332350>

Share-VDE BF Model

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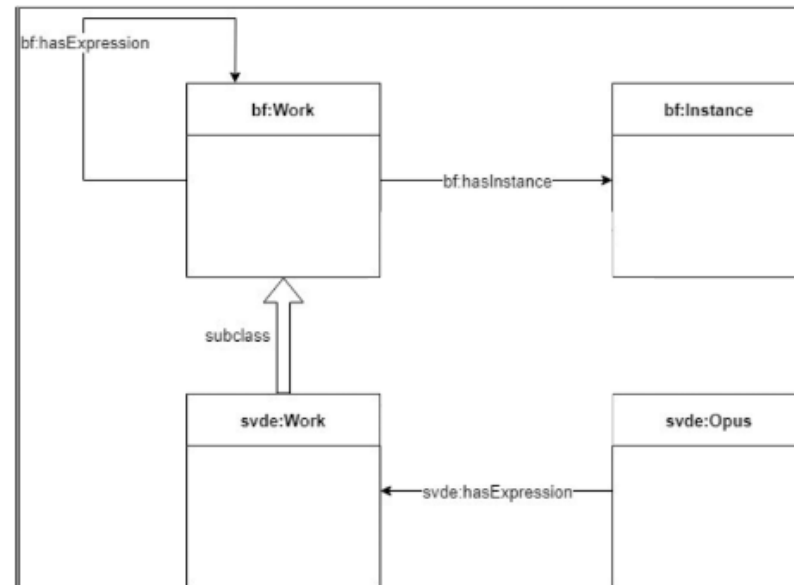


Fig. 1. Core classes described in the SVDE Ontology.

Share-VDE BF MODEL

A Work in the Share-VDE system is at the LRM level of abstraction and serves to collect bf:Works.

Remark 6. The `svde:Opus` is a parallel class to the IFLA LRM Work and the RDA Work. The set of attributes which comprise `svde:Opus` parallel those attributes in the IFLA LRM Work and the RDA Work.

<https://zenodo.org/doi/10.5281/zenodo.8332350>

IFLA LRM WORK

... an abstract entity that permits the grouping of expressions that are considered functional equivalents or near equivalents. (replace image with new mockup...)

The screenshot displays the IFLA LRM interface for Frederick Douglass. At the top, his name is followed by various identifiers and a biographical note: "African-American social reformer, writer, and abolitionist (c. 1818–1895)". A portrait of Douglass is shown on the right. The main content area is titled "Selected Works" and lists several work clusters. Annotations in red boxes highlight specific features: "This cluster contains editions of a Work." is placed over the "North star (Rochester, N.Y.)" cluster; another "This cluster contains editions of a Work." is placed over the "My bondage and my freedom" cluster; a third "This cluster contains editions of a Work." is placed over the "Sclaverei und Freiheit : autobiographie /" cluster; and a fourth "This cluster contains a translation of a Work." is placed over the "My bondage and my freedom /" cluster, with a red arrow pointing from the "Sclaverei und Freiheit" cluster to it. A "Links" section on the right includes "Wikidata page" and "Reasonator (Wikidata-app)".

<https://www.iflastandards.info/lrm/lrmer#E2>



Resources

Comparison of Alma
and Share-VDE
BIBFRAME networks

- <https://journal.code4lib.org/articles/15424>

FOLIO and J Cricket
integration

- <https://youtu.be/SHoarryqPCU>