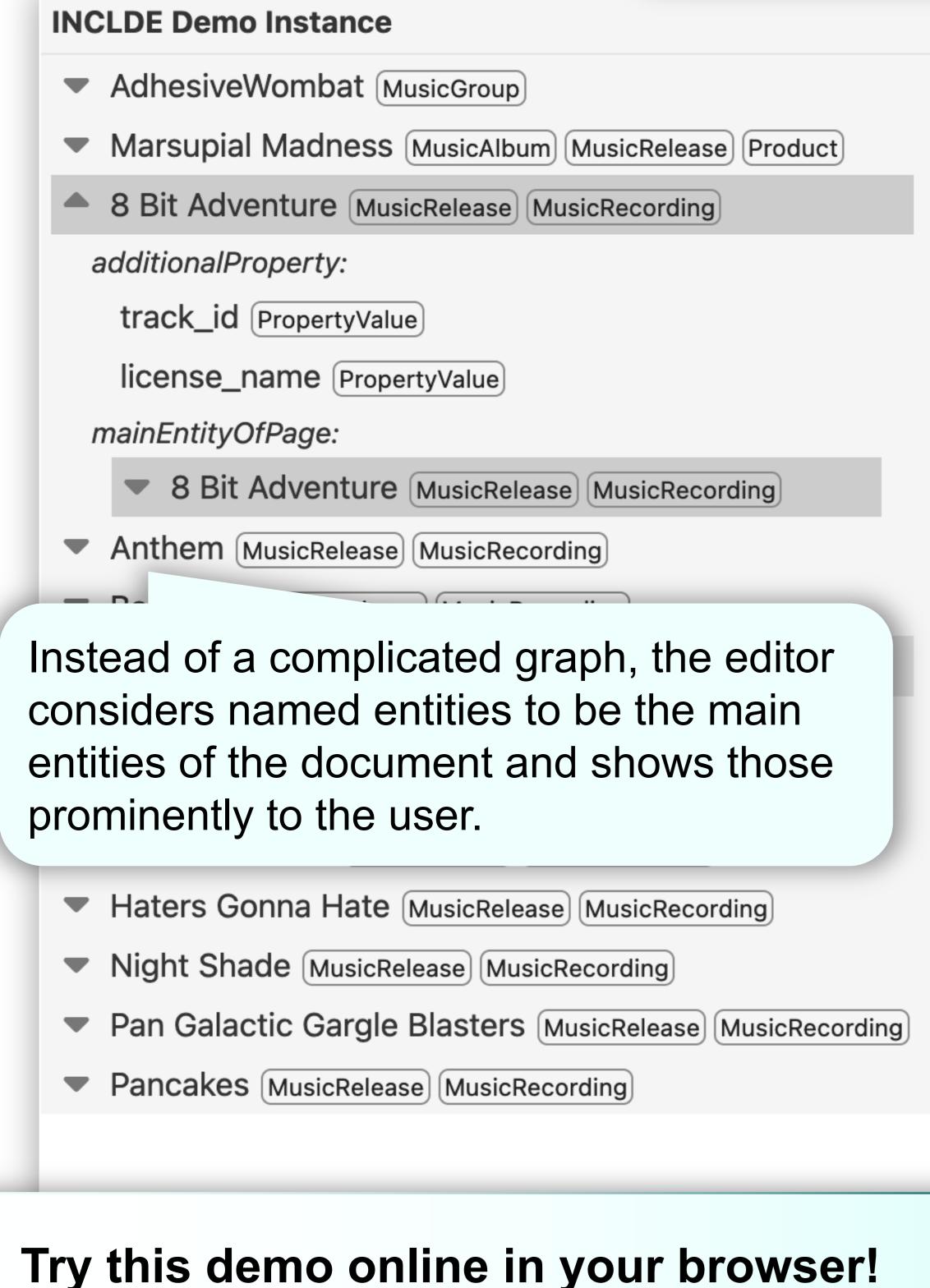


Enhancing Usability in Linked Data Editing in Web Applications An includable Linked Data Editor (INCLDE)

Lorenz Majer, Andreas Pfeil

This editor is a component which can be integrated in any web application. If the user presses the save button, the modified JSON-LD is being returned to your application or web page.



https://kit-data-manager.github.io/INCLDE/ 0

Steinbuch Centre for Computing (SCC) Data Exploitation Methods (DEM)

		Save	Са	ncel
	@id: https://adhesivewombat.bandcamp.com/track/8-	bit-advent	ure	
	@type:			×
	http://schema.org/MusicRelease			×
	http://schema.org/MusicRecording			×
	Add Element			
	additionalProperty:			×
	track_id: 4155239919	\$		×
	license_name: all_rights_reserved			×
	Add Element			
	copyrightNotice:			×
	All Rights Reserved			×
	Add F The look and functionality of the values can be customized using custom renderers. For 8 Bit example, you could represent your Geo- Coordinates using a small map widget.			
_	name:			×
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-	Add Element	Tak and		_
on	andreas.pfeil@kit.edu			os://



Editing Linked Data is a challenge, especially for those without technical expertise. The complexity of RDF-based structures and JSON-LD representation often leads to errors and frustration. In order to respond to this challenge, we introduce a **new editor** designed to facilitate **effortless** editing of JSON-LD documents, catering to both newcomers and advanced users. It is made for easy and seamless integration into other web-based applications and can be used similarly to an HTML tag.

Linked Data's **complexity arises** from its network-like structure, making it hard for non-experts. Our web component offers a user-friendly interface, making it easier to perceive than typical graph visualizations. The tree view on the left shows the data as a list of named entities and their properties. The other view visualizes the properties and makes them editable.

The editor uses **schema.org** to offer **autocomplete** and can be extended by further vocabularies, if needed. It is a **web component** based on StencilJS and can be included in all popular frameworks or plain HTML.

Our web component empowers both new and experienced users to edit **Linked Data seamlessly**, overcoming the inherent challenges associated with manual JSON-LD modification. By **simplifying the view** on the graph structure and providing an intuitive and supportive interface, the component enhances the ease of use and accessibility of Linked Data editing. This holds significant potential for expediting data curation, collaboration, and integration, thus fostering a more inclusive and dynamic Linked Data ecosystem.

look at documentation ode on GitHub!

https://github.com/kit-data-manager/INCLDE



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