Integrated editing of templates with structured and unstructured data

Design exploration

Would it be possible to reuse template editor dialogs to deal with structured data?

The main challenge is dealing with both kinds of data (structured and plain text) and encourage users to migrate.

A couple of design explorations illustrate ideas to support that.

A warning is shown for unstructured data to encourage migration.

When editing a field, assistance is provided to add structured data...

...and remove the plain text values if the structured data already captures the information.

Description	One of several versions of the painting "The Scream" (title: Der Schrei der Natur, 'The Scream of Nature') . The National Gallery, Oslo, Norway. 文A 2
About	scream
Type of work	Painting More about the same work?
Date	1893
Author	Edvard Munch
Rights	Public Domain
Quality	Featured picture on Commons and two Wikipedias ...

+ Add more information

Finally information is based on structured data and the warning is no longer shown.

Alternative approach

Another approach where the migration process is part of the regular editing (less prominent but more compact)

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About — scream

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Date — "Painted in 1893" ⚠

Author — Edvard Munch

Rights — Public Domain

Quality — Featured picture on Commons and two Wikipedias ...

+ Add more information

A warning is shown for unstructured data to encourage migration.

When editing a field auto-completion is used to add structured data values.

When structured data is added to a field with existing text. The text is wrapped as an element that can be removed easily and a message is provided to encouraging doing so.

Finally, information is based on structured data and the warning is no longer shown.