

STYLO



A user friendly WYSIWYM text editor for human scientist

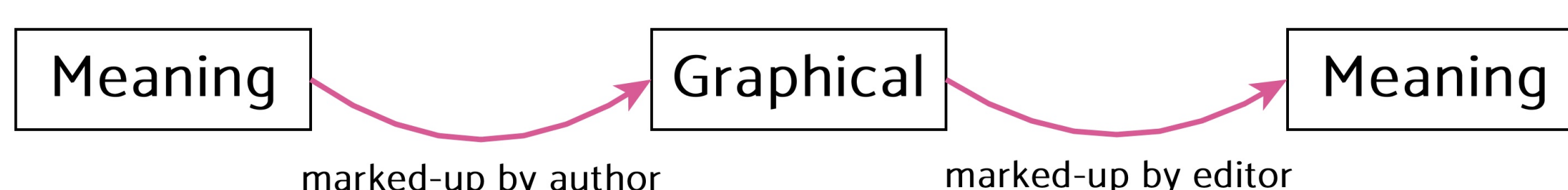
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Context

The philosophy of STYLO builds on the simple fact that writers skills are semantical rather than graphical, whereas authors are often asked to deliver graphical layout rather than enriched text.

When submitting a text, authors transcribe bibliographical references, footnotes, titles, keywords with simple graphical markup : emphasized, underlined, italic, indentation, quotation marks, etc. This graphical markup is neither specific neither explicit, resulting in a low level of scientificity.

Further in the editorial process, this graphically formatted text must be reinterpreted by the editors, converting graphical markup into semantical markup. This two-way process leads to a serious loss of time for the editors and a problematic loss of meaning for the scientific community.



Moreover the document structuration is generally produced at the end of the editorial process, resulting in limited metadatas. Indeed, the metadata production made by editors and distributors follows mainly diffusion purposes, and ignores the scientific potentialities of rich semantic tagging within the text.

Project

STYLO addresses those issues with the ambition to change the content production workflow of the human sciences academic journals.

Think at STYLO as a semantic writing tool which aims at improving the scientific edition and publication process by putting the production of semantic markup into the hands of the academic writers themselves.

It is designed as a WYSIWYM text editor ("what you see is what you mean") providing a simple environment dedicated to writing with intra-textual semantic markup possibilities. The interface of the editor adapts at each step of the workflow, from writing to editing and authoring, in order to offer to the users, whether it

be the author, the editor or the distributor, different sets of metadatas.

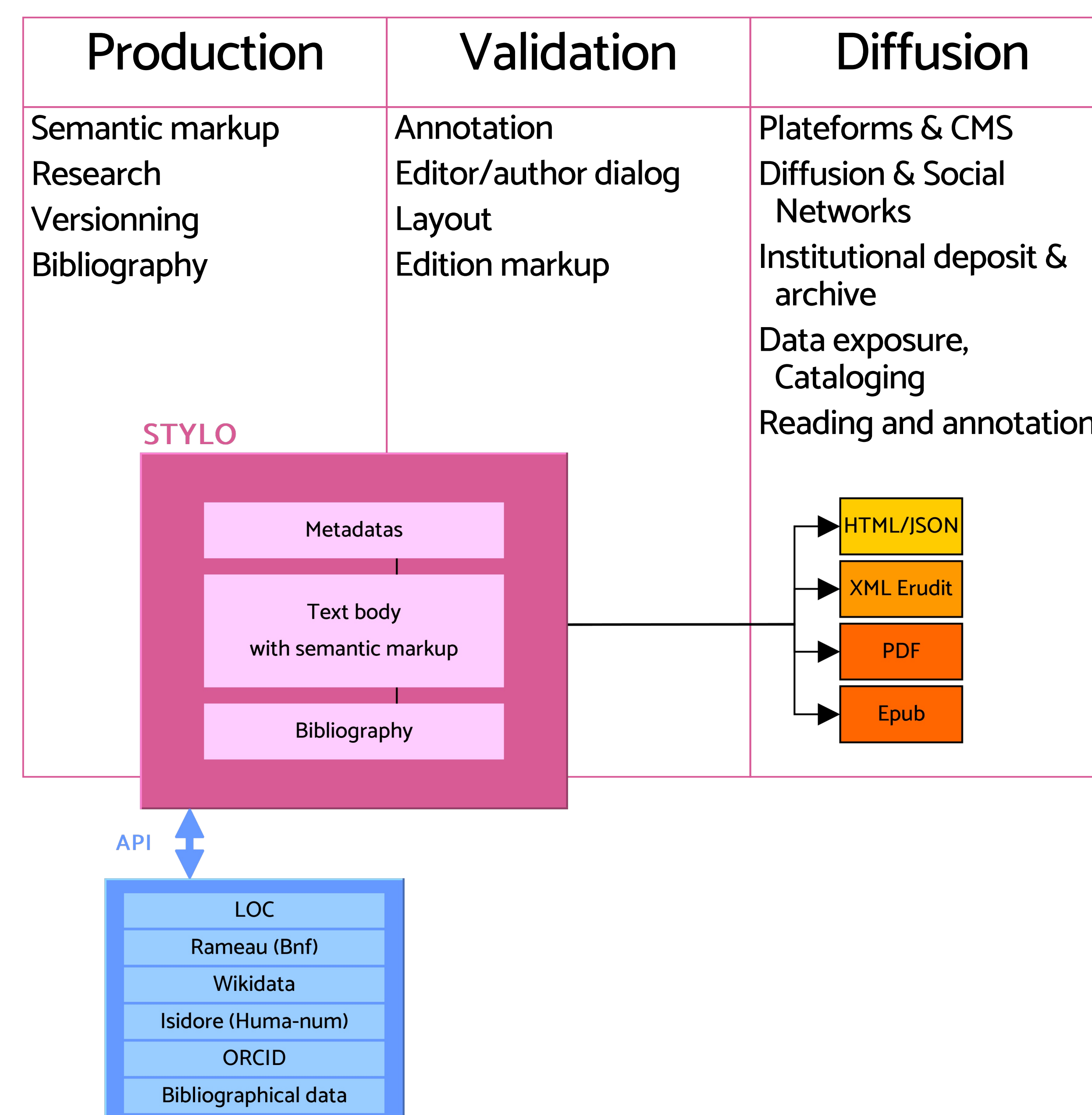
Stylo assists the markup process thanks to on-the-fly alignment with online authorities (LOC, Rameau, Wikidata, Orcid, etc.).

In order to avoid the frequent data breaches during the editing process, Stylo offers a continuous workflow from writing to diffusion, assuring that semantic informations given by the author will indeed be published.

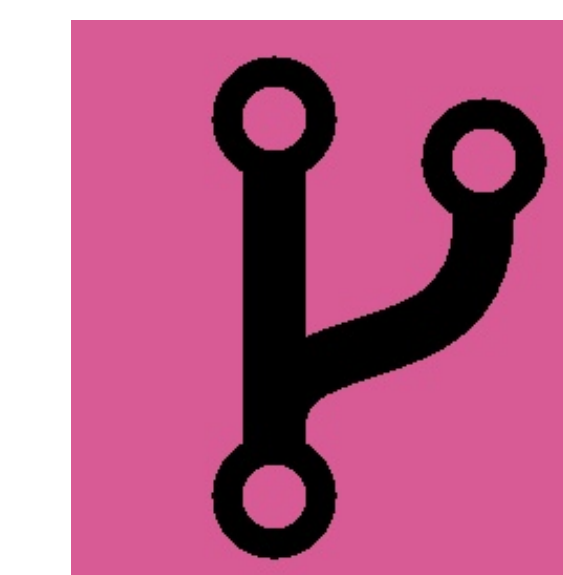
Workflow & Outputs

Stylo can provide multiple outputs depending on the needs :

1. XML (Erudit, JATS, TEI, etc.) for diffusion and harversting platforms
2. HTML5 for direct publication on CMS
3. PDF&EPUB with programmable stylesheets



Continuous workflow to publication



Friendly WYSIWYM editing



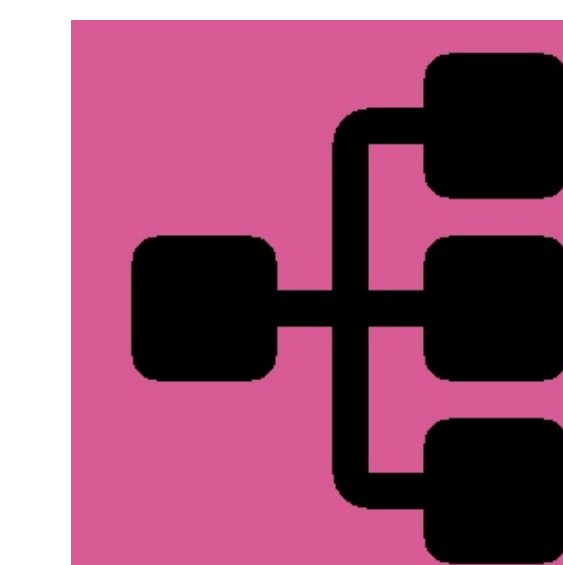
Alignment with authorities



Based on Substance.io



Multiple outputs



Écritures numériques
Digital Textualities

Chaire de recherche du Canada - Canada Research Chair



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