## MAKING AN AUGMENTED WEB BOOK WITH LE PRESSOIR

# pressoir.org

 $\mathsf{HTML}$ 

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# FEATURES OF THE AUGMENTED VERSION

Le Pressoir can be used to publish 1 texts containing rich data and information, including detailed metadata, structured bibliographies, footnotes, and infra-textual tagging to identify and link selected terms to authorities, as well as to create editorial objects such as indexes, glossaries, and cartographies. It also allows for the incorporation of additional content 2 such as illustrations, videos, and text supplements, as well as the creation of automatic indexes. Le Pressoir comes equipped with an annotation tool powered by Hypothes.is and a search engine 3.

#### CONTEXT

*Le Pressoir* is an open source static website generator designed to produce augmented scholarly books in html, primarily for publishing houses or university publishing projects. *Le Pressoir* is a research project and publishing tool available for the academic community.

The main objective is to produce various publishable artefacts adapted to the needs of scholarly writing from a single source, with enhanced web books as the primary target.

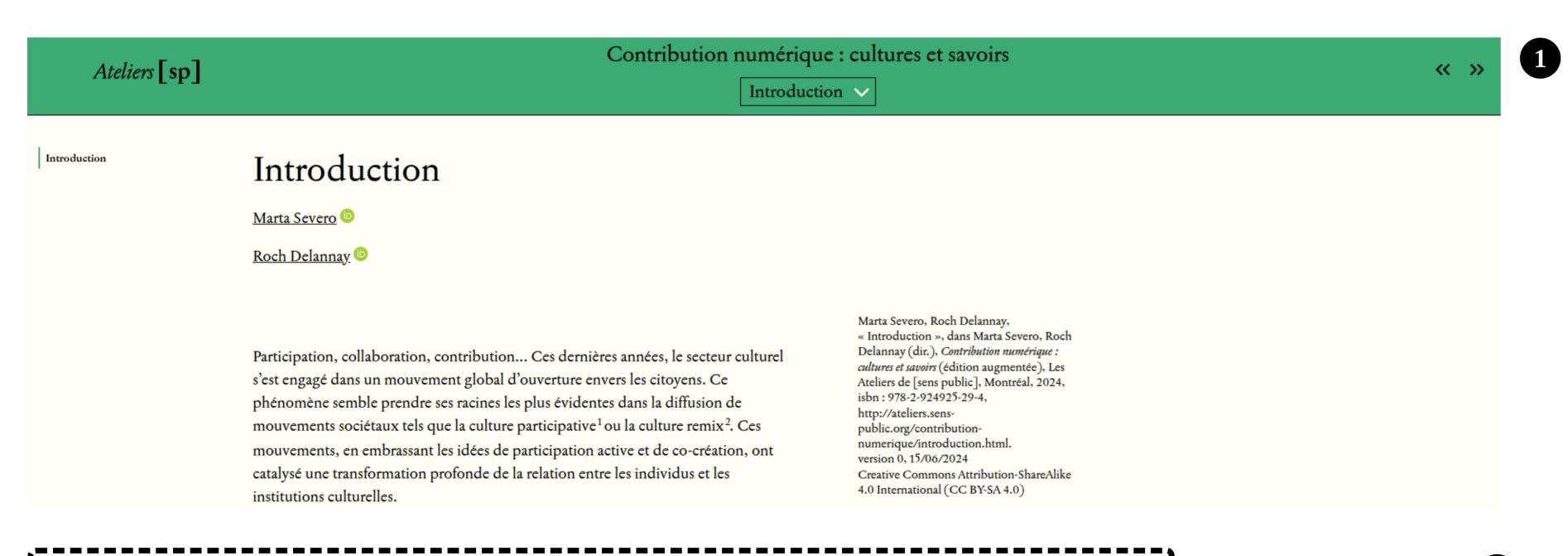
The *Pressoir* project was initiated in 2018 as a Bash script and subsequently developed into a Python program, becoming available in 2024 as a Python package accessible from the pip repository. The distinctive feature of our project lies in its use of a more adaptable textual model, which can be modified or tailored in real-time to meet specific editorial needs. This is made possible by the fact that its editorial chain is based on three lightweight mark-up formats: Markdown, YAML and BibTeX.

Furthermore, it is based on the Pandoc converter, which is used to transform sources into publishable artefacts, such as augmented web books (HTML), ePUB (HTML), PDF and print formats. By employing these technological building blocks, *Le Pressoir* is able to produce books in a variety of formats and meet the requirements of a multimodal publishing chain.

Le Pressoir is currently used by Presses Universitaires de Montréal for their Parcours Numériques collection, by Les Ateliers de Sens-Public — one of whose collections is produced in partnership with EUR ArTeC in Paris — and, since this year, by Presses Universitaires de Rouen et du Havre.

#### Additionnal content 2



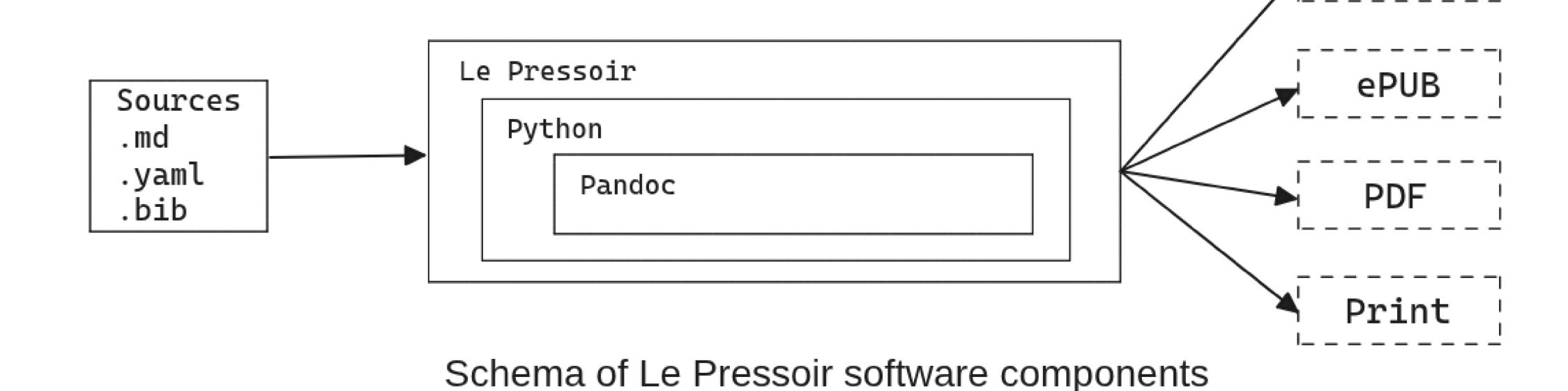


#### LATEST DEVELOPMENTS\*

Le Pressoir now supports HTML exports for multiple books, enabling the creation of static websites that manage entire book collections. Its built-in search engine works both within individual books and across collections, allowing users to explore recurring themes throughout the corpus.

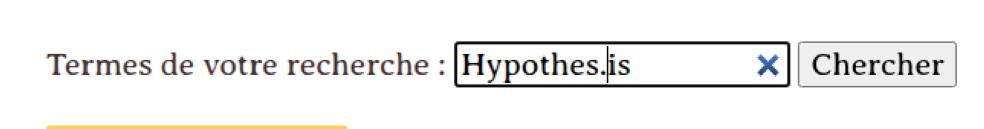
#### Search engine 3

A search engine has been integrated into the augmented books.



### RECHERCHE

3 sections trouvées!



#### **PARTNERSHIPS**

*Le Pressoir* is a free and open source tool designed and developed since 2018 by the Canada Research Chair on Digital Textualities, in partnership with Université Paris 8 in France and the CRIHN in Quebec, with Hélène Beauchef as editor and David Larlet as developer. *Le Pressoir* is available as a python package (<a href="https://pypi.org/project/pressoir/">https://pypi.org/project/pressoir/</a>). Its source code is published under the GNU Affero General Public License v3.

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