

From Tail to Head: Browser Based Suggestion of Long-tail Resources

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ABSTRACT

Cultural, scientific and educational resources often remain buried in deep web portals like libraries or museum archives in the so called long-tail of the web. The reason for these long-tail contents largely remaining untapped is twofold: One factor is that most users are not aware of the existence of these contents, as they do not appear high-ranked on general purpose search engines, due to their lower popularity. The second problem is that the contents are spread widely over the Web, residing in a multitude of small repositories, which cover specific domains.

We present the current prototype of a browser extension¹, using a federated just-in-time retrieval service for bringing the content to the user, extending previous work [1]. More concretely, to face the user problem and make people aware of the existence of valuable long-tail resources, our prototype notifies the user about available resources from the long-tail, which are deemed relevant to the task at hand. The proactive search for resources is based on the user's current context, i.e., the current web page or a text selection. Facing the technical problem of distributed resources, the extension queries a federated retrieval system, which aggregates search results from different content providers, by the time of writing content from ZBW², Mendeley³ and Europeana⁴. Generally, further content providers can register themselves easily to the service. Europeana itself is already an aggregator for digital museum artifacts, so the content base of potentially retrievable results within our system is even larger. When relevant content is detected for the current user context, the user is unobtrusively notified. Notification is done

by changing the icon of the browser extension, showing the number of newly retrieved results. If the user decides to have a look at those results, she gets (beyond a traditional result list) various visual interfaces, which facilitate the exploration of the retrieved results. Figure 1 shows an example of the user interface showing the result list. We think that our approach is promising for making users aware of long-tail contents, for which they can and do not state an information need, because they do not know of their existence.

Acknowledgments

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1. REFERENCES

- [1] J. Schlötterer, C. Seifert, and M. Granitzer. Web-based just-in-time retrieval for cultural content. In *PATCH '14: Proceedings of the 7th International ACM Workshop on Personalized Access to Cultural Heritage*, 2014.

¹purl.org/eexcess/components/chrome-extension

²zbw.eu

³mendeley.com

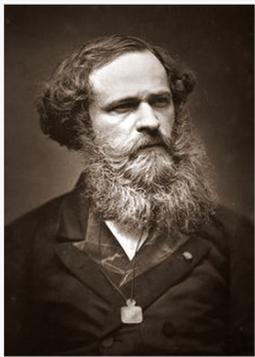
⁴europeana.eu

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Arsène Houssaye

From Wikipedia, the free encyclopedia

Arsène Houssaye (28 March 1815 - 26 February 1896), French novelist, poet and man of letters, was born at [Bruyères \(Aisne\)](#), near [Laon](#). His real surname was Housset.



In 1832 he found his way to Paris, and in 1836 he published two novels, *La Couronne de bluets* and *La Pécheresse*. He had many friends in Paris, among them [Jules Janin](#) and [Théophile Gautier](#), and he wrote in collaboration with [Jules Sandeau](#). He produced art criticism in *L'Histoire de la peinture flamande et hollandaise* (1846); semi-historical sketches in *Mlle de la Vallière et Mme de Montespan* (1860) and *Galerie de portraits du XVIII siècle* (1844); literary criticism in *Le Roi Voltaire* (1858) and his famous satirical *Histoire du quarante et unième fauteur de*

French literature
by category

French literary history
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Portals
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couronne bluets

- La Couronne de bluets, roman, par Arsène Houssaye. Une moralité et une vignette, par Théophile
- La couronne de bluets : poésies (2e édition) / p
- La coexistence de l'oblig fiduciaire de la Couronne l'autonomie gouverneme autochtones
- Le droit à l'autonomie gouvernementale auto sans cesse croissanee dans les milieux...
- Phylogenetic patterns of in Thoreau's woods are climate change.
- Climate change has led to major changes in the phenology (the timing of seasonal activities, such as...
- L'Iconographie de la couronne de Héra
- Diverses émissions des monnaies de Chalcis présentent un type de tête de Héra coiffée d'un polos fati...
- Microsatellite primers for the North American bluets (Houstonia section Amphiotis, Rubiaceae)
- Premise of the study: Microsatellites were developed for the native, perennial herbs Houstonia longifolia...
- La Couronne d'un C?ne Sym??trique
- Let \$G\$ be a connected semisimple Lie group with finite center and \$K\$ its maximal compact subgroup...
- Difficultés de suivi d'une cohorte d'enfants nés grands prématurés : EPIPAGE Paris-Petite-Couronne
- Objectives: To describe the characteristics of the children of parents who did not respond to a follow-up...
- Messianisme royal de la Couronne d'Aragon
- During the end of the Middle Ages, while modern State was growing, kings spread political propaganda...
- L'??quation de Yamabe sur une couronne de ???n
- In this paper we will study some questions concerning solutions of Yamabe's equation on an annulus of...

Figure 1: Screenshot of the Wikipedia page about Arsène Houssaye and search results for the selection "La Couronne de bluets". The terms in the query box are generated out of the selected text, but may be adapted by the user