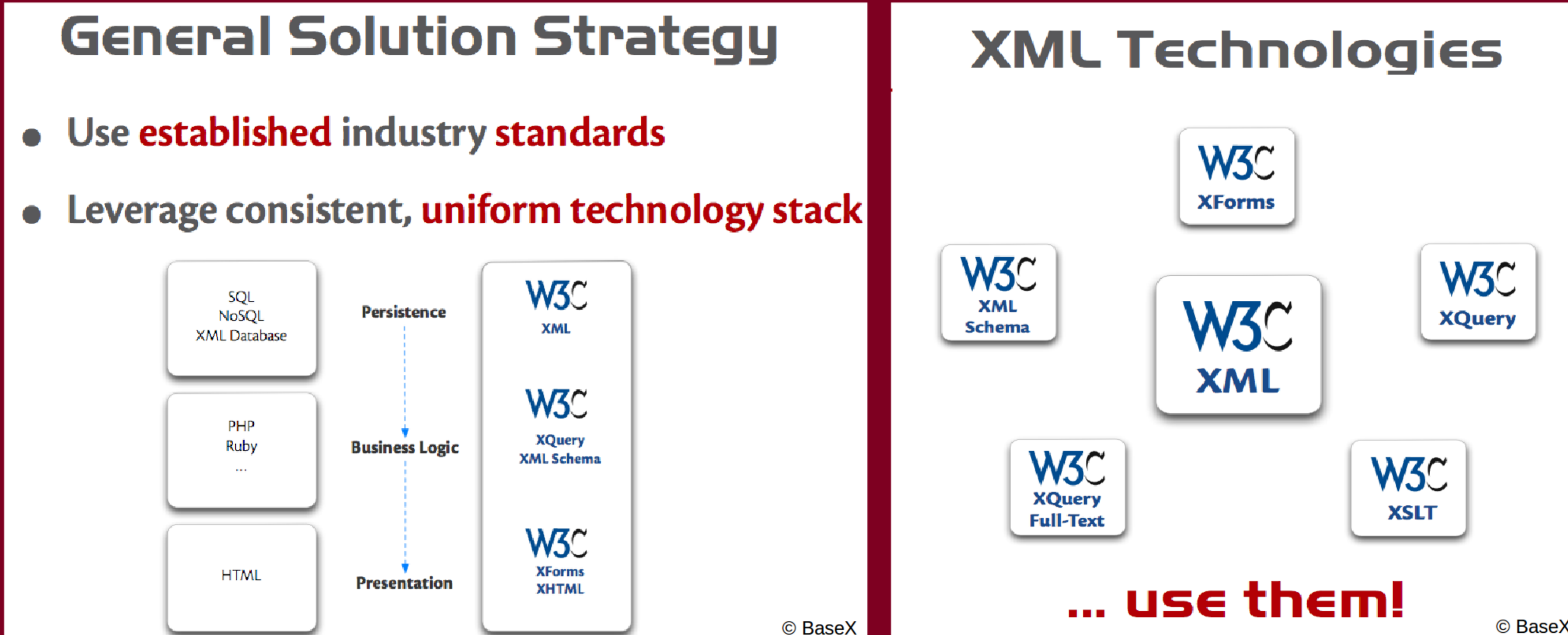


# SynopsX

## a Lightweight XQuery Based XML Publishing Framework

- SynopsX relies on the BaseX philosophy: your data live in the XML world? XML technologies provide anything you need!

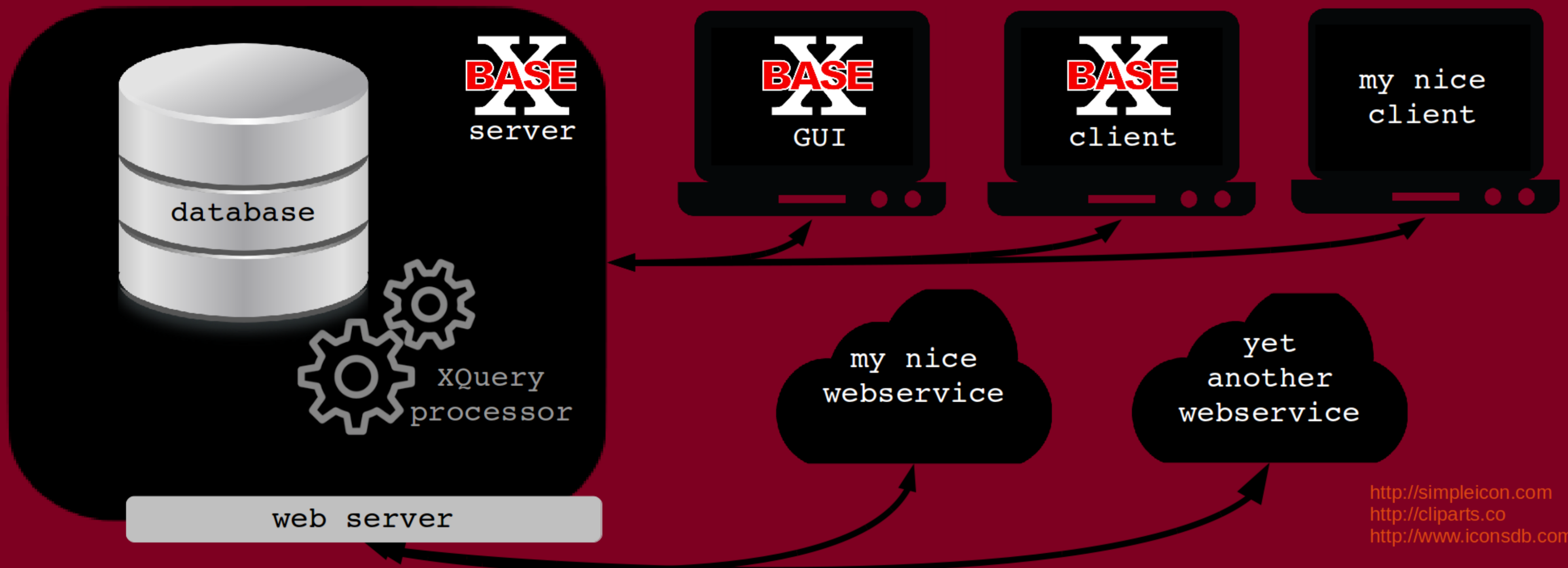


Various approaches have been proposed to publish TEI corpora online, but no standard software solution has emerged yet. Publication of marked up texts is still a difficult issue for many projects in Digital humanities.

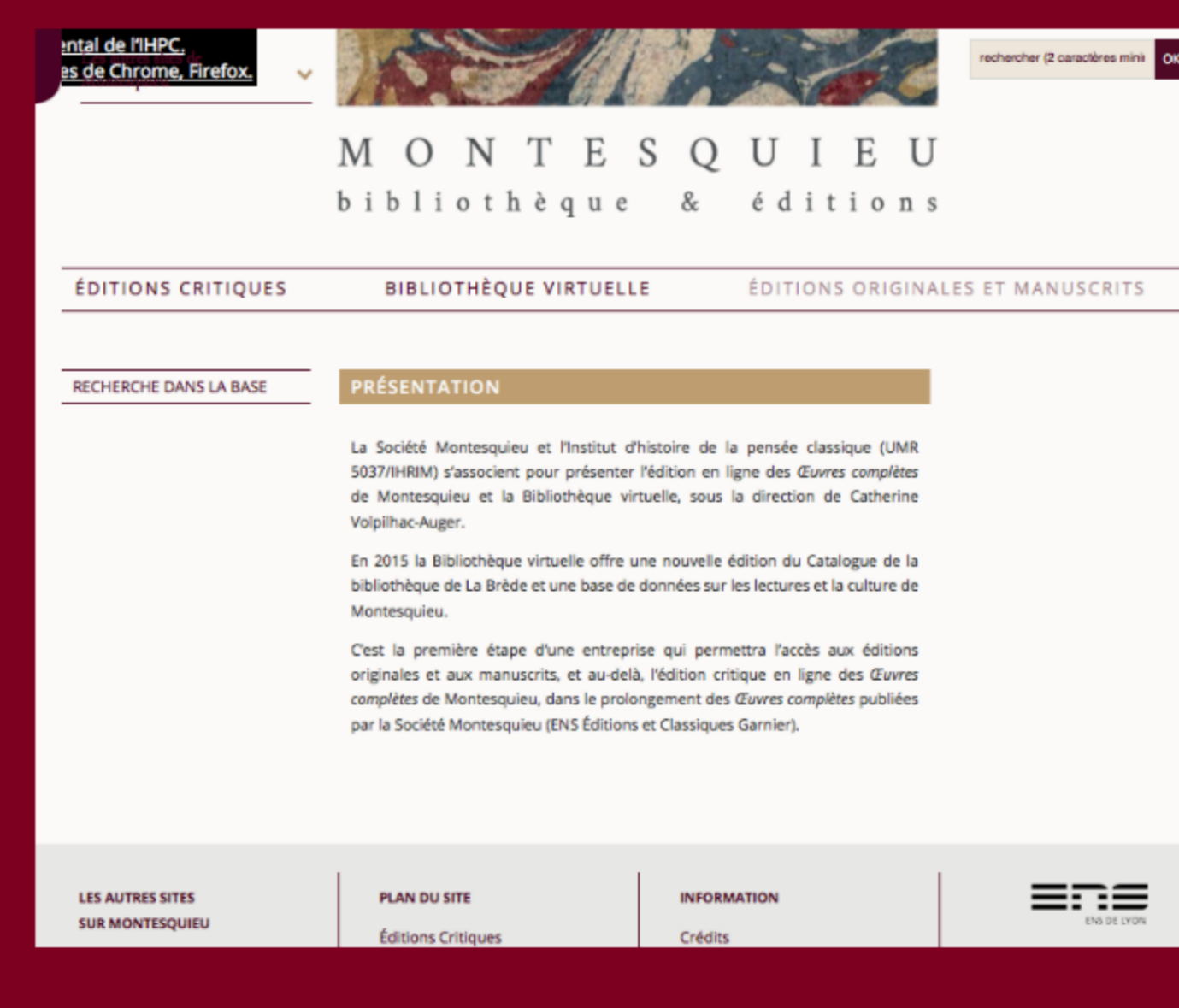
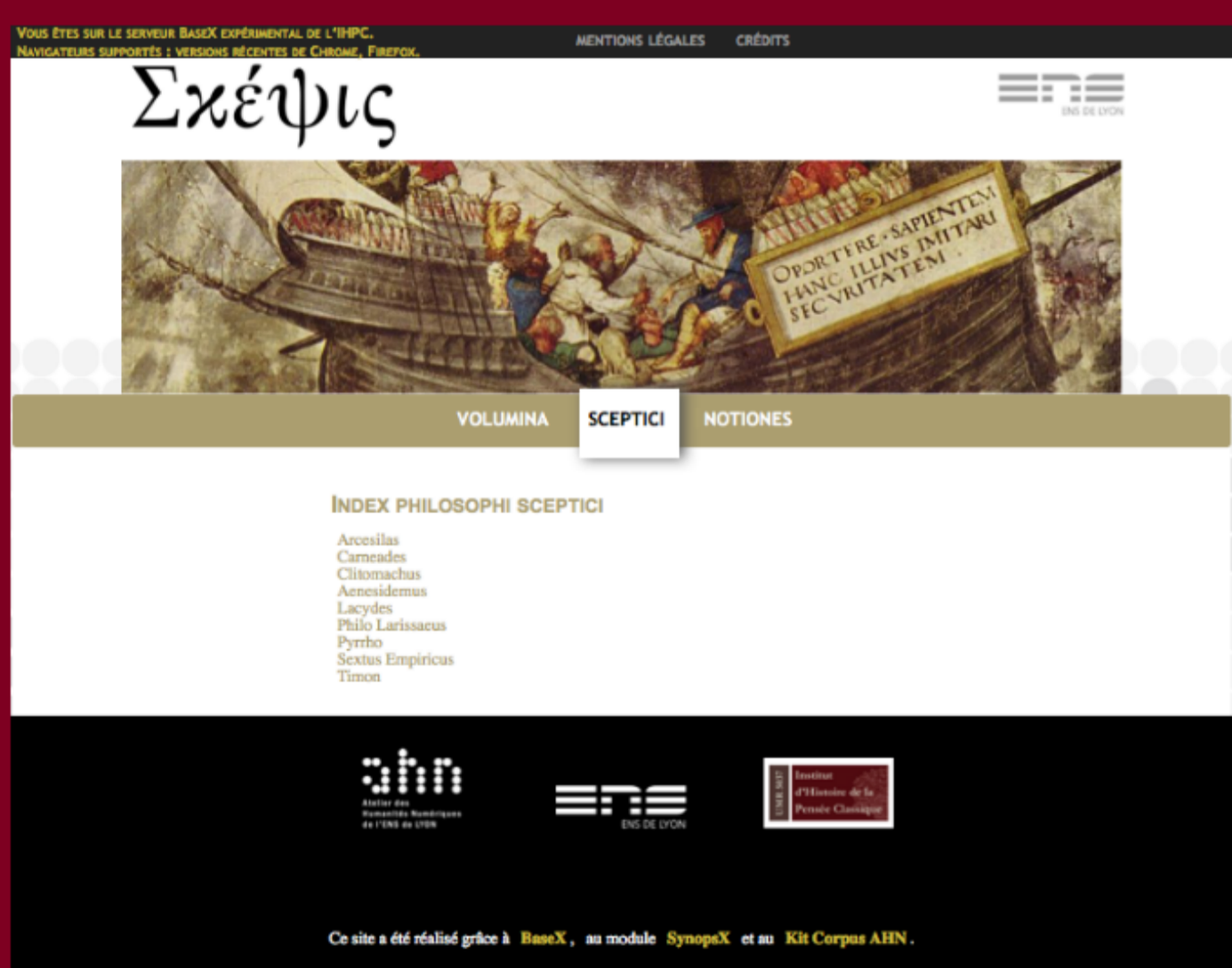
SynopsX is a lightweight framework which aims at easily publishing and exposing XML corpora. It is a full XQuery web application built on top of the native XML database BaseX (basex.org).

Thanks to BaseX implementation of RESTXQ, SynopsX allows full control on the URL scheme to build real REST applications and can be used to expose XML corpora as Linked Open Data. Our software comes with a templating system for various renderings of XML resources (TEI, EAD...) according to predefined or customized mappings from XML data to output formats (HTML 5, json, OAI...)

- SynopsX rests on BaseX tools: an XML database, a high performance XQuery processor and a web server



- Please visit our web applications built with SynopsX: [editions.ihpc.huma-num.fr](http://editions.ihpc.huma-num.fr)



- Use SynopsX in just 3 steps**
1. Write your webservice's URLs and link them to queries and templates
  2. Use our default queries or write your own if needed
  3. Use our default XHTML templates or write your own if needed

**Download SynopsX, hack it, code it with us!**  
<https://github.com/synopsx/synopsx>  
 Valérie Beaugiraud, Sylvain Boschetto, Carole Boulay, Emmanuel Chateau, Séverine Gedzelman, Maud Ingarao, Pierre-Yves Jallud, Jean-Philippe Magué, Emmanuelle Morlock, Philippe Pons, Samantha Saïdi, Vincent Ventresque