

a Diy Book Scanner
In every Hackerspace?

a DIY Book Scanner in every Hackerspace?

**What's
a bookscanner?**



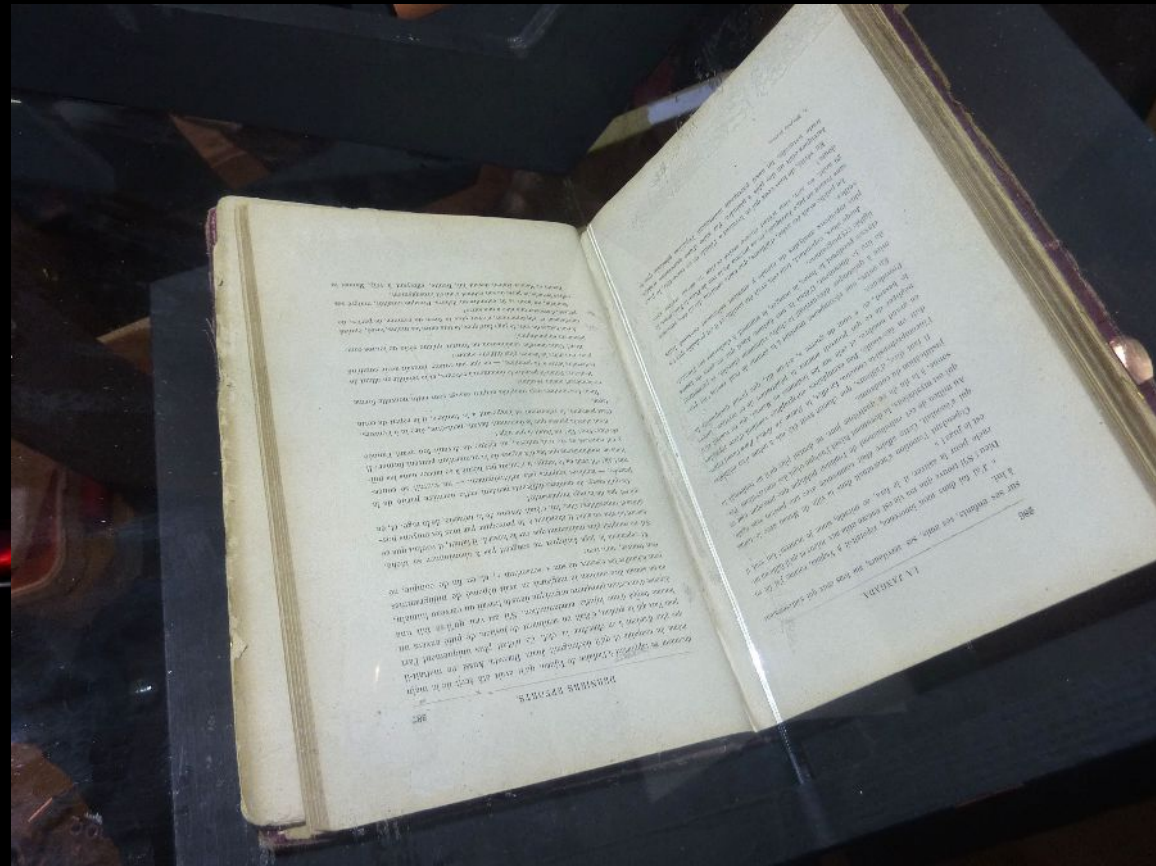
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What's
THIS bookscanner?



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How Does it work?



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Which Softwares?

Chdk

(Canon camera firmware addon)

Ptpcam

(camera shoot and setup from linux)

GNU/Linux

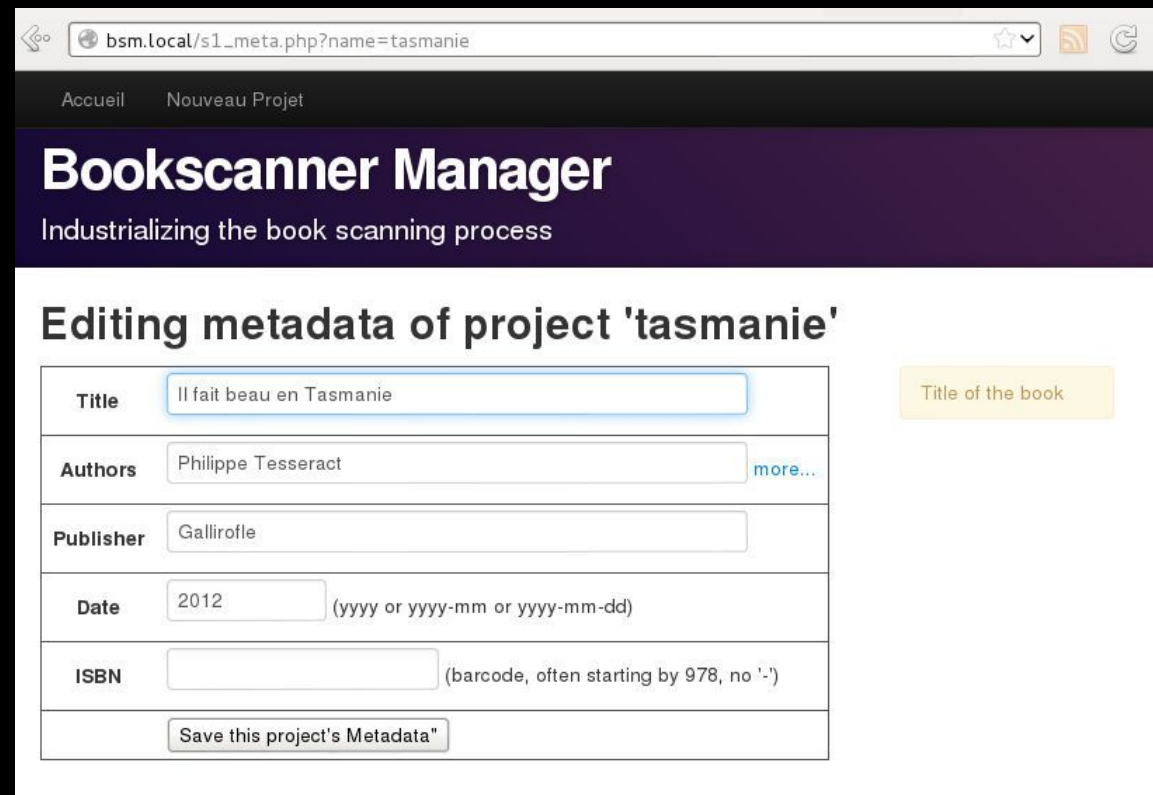
(+ apache, php...)

Scantailor

(rotate, enhance, easily, automatically)

Tesseract

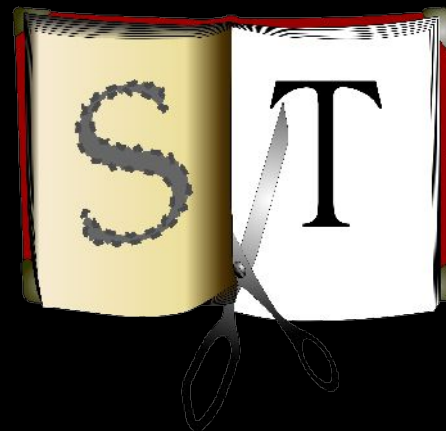
(free OCR)



The screenshot shows a web browser window with the URL `bsm.local/s1_meta.php?name=tasmanie`. The page title is "Bookscanner Manager" with the subtitle "Industrializing the book scanning process". The main heading is "Editing metadata of project 'tasmanie'". The form contains the following fields:

Title	<input type="text" value="Il fait beau en Tasmanie"/>	Title of the book
Authors	<input type="text" value="Philippe Tesseract"/> more...	
Publisher	<input type="text" value="Gallirofle"/>	
Date	<input type="text" value="2012"/> (yyyy or yyyy-mm or yyyy-mm-dd)	
ISBN	<input type="text"/> (barcode, often starting by 978, no '-')	

At the bottom of the form is a button labeled "Save this project's Metadata".



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Which Communities?



Archive.org

(wayback machine, archiving all books)

Gutenberg

(publishing public domain books)

WikiSource.org

(Wikipedia project similar to gutenber)

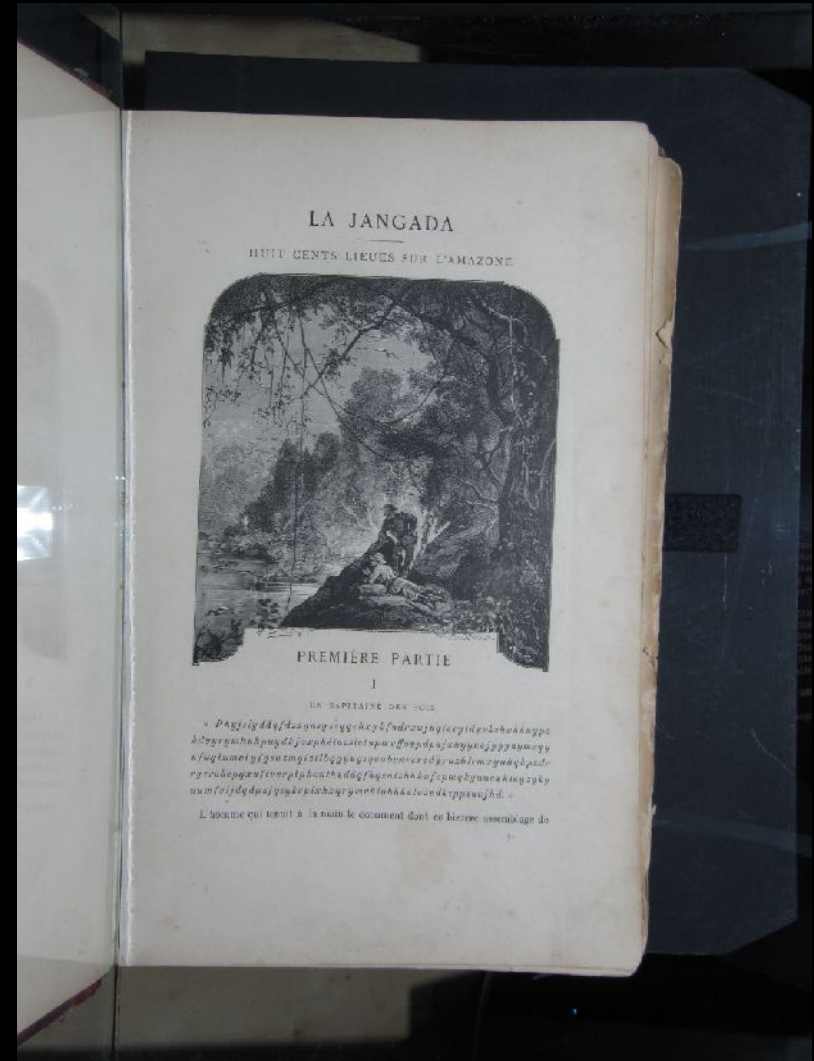
DIYBookScanner.org

(The community of this machine)



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What
now?



***DIY Bookscanner Project
Benjamin Sonntag
DECT 6128***

***Démo & scan at
La Quadrature du Net
3rd floor***

*mailto : bs@laquadrature.net
xmpp : benjamin@mailfr.com
pgp : ox586073E6*

This machine (french) <http://bookscanner.fr>

The community <http://diybookscanner.org>

Buy parts in the EU <http://diybookscanner.eu>