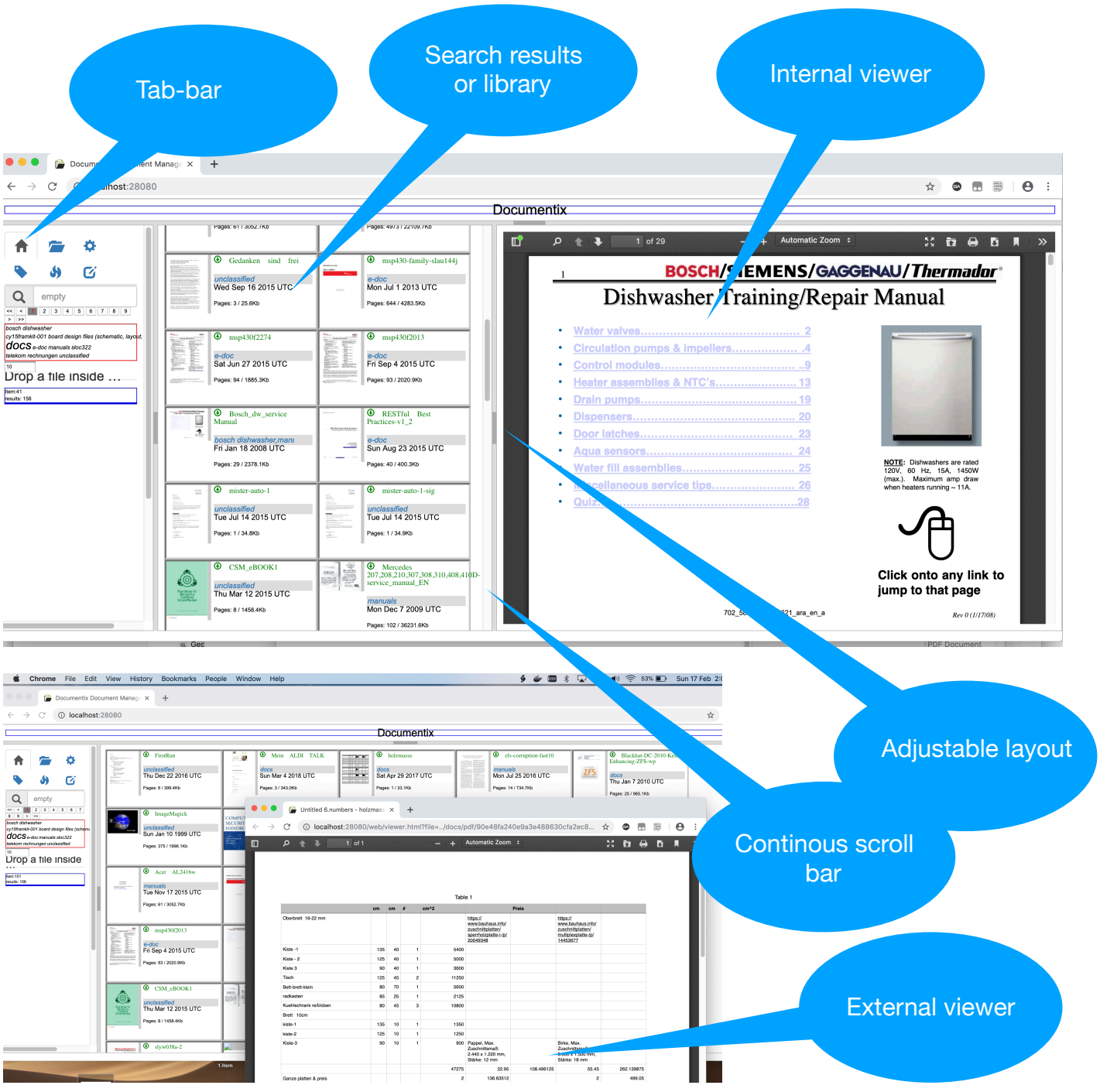
Documentix

the Document manager

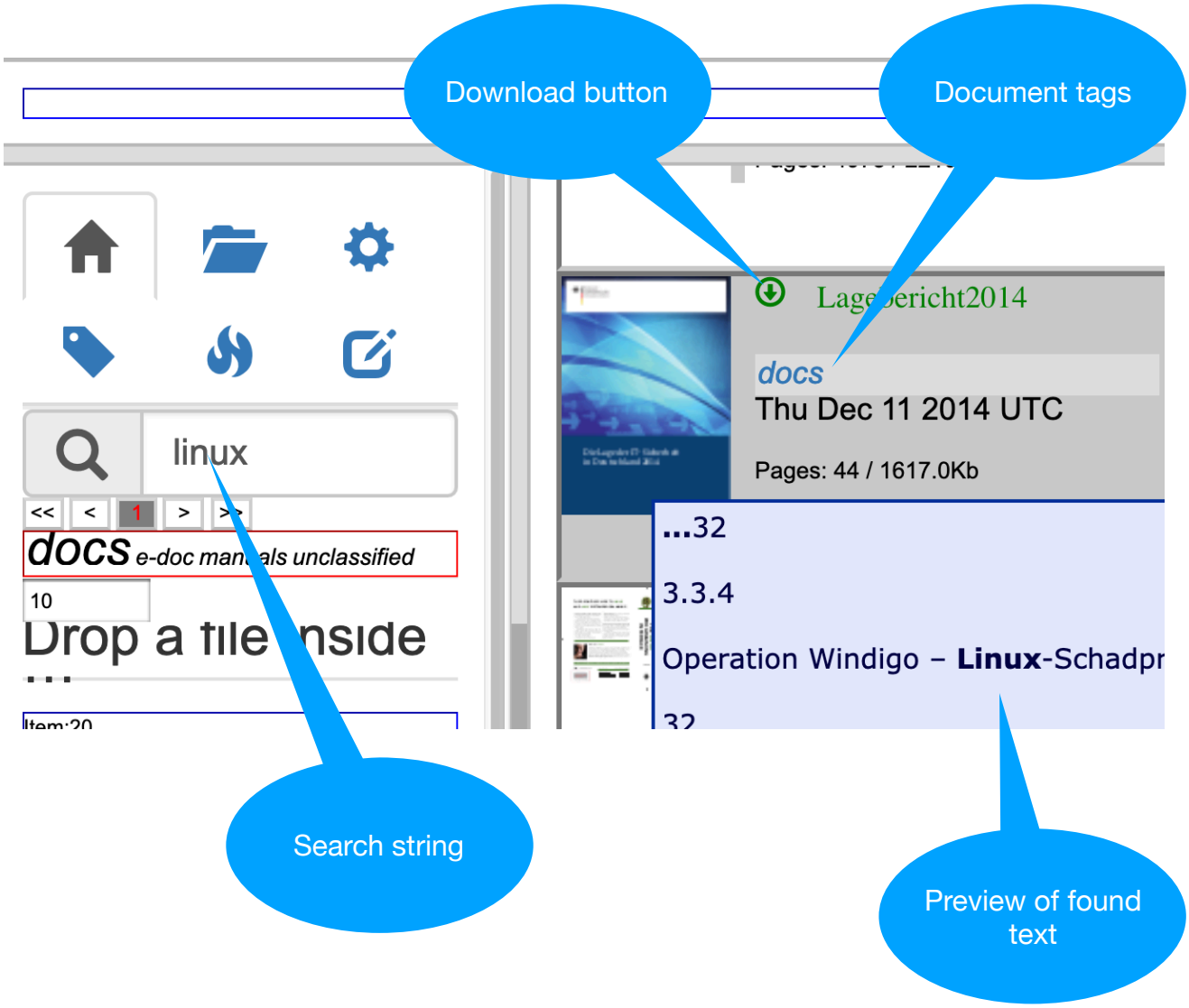
Overview

Documentix quickly searches your collection using a full-text search engine
Documentix lets you classify documents
Documentix automatically classify new documents based on previous training
Documentix automatically OCR's new documents to enable searching
Documentix manages multiple types of documents (pdf/word/ppt/jpeg..)
Documentix presents all archived documents through a web-interface
Documentix allows easy sharing of documents

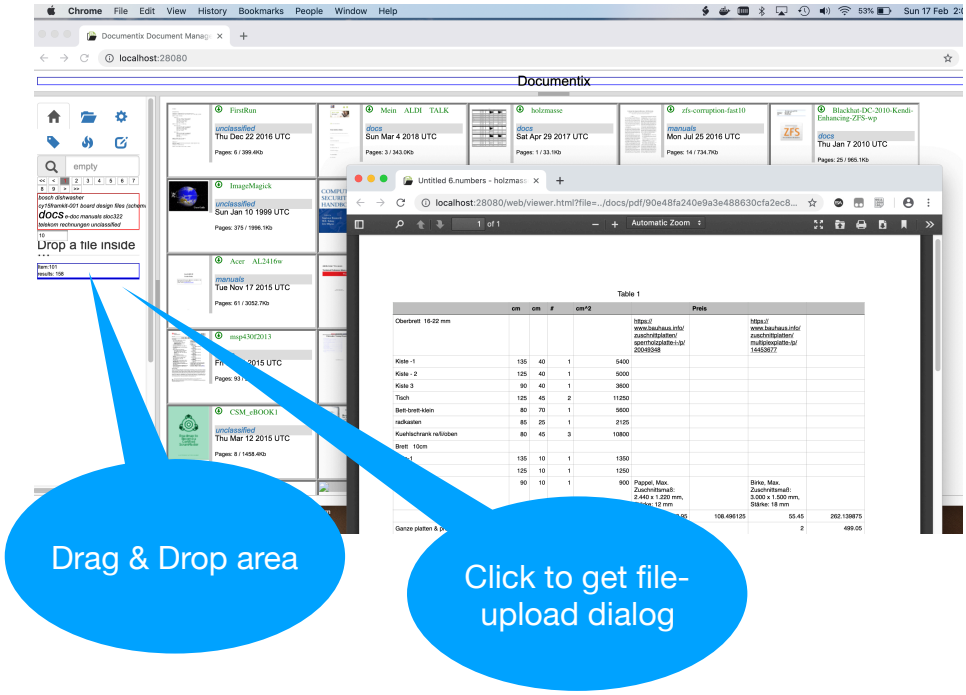
User interface

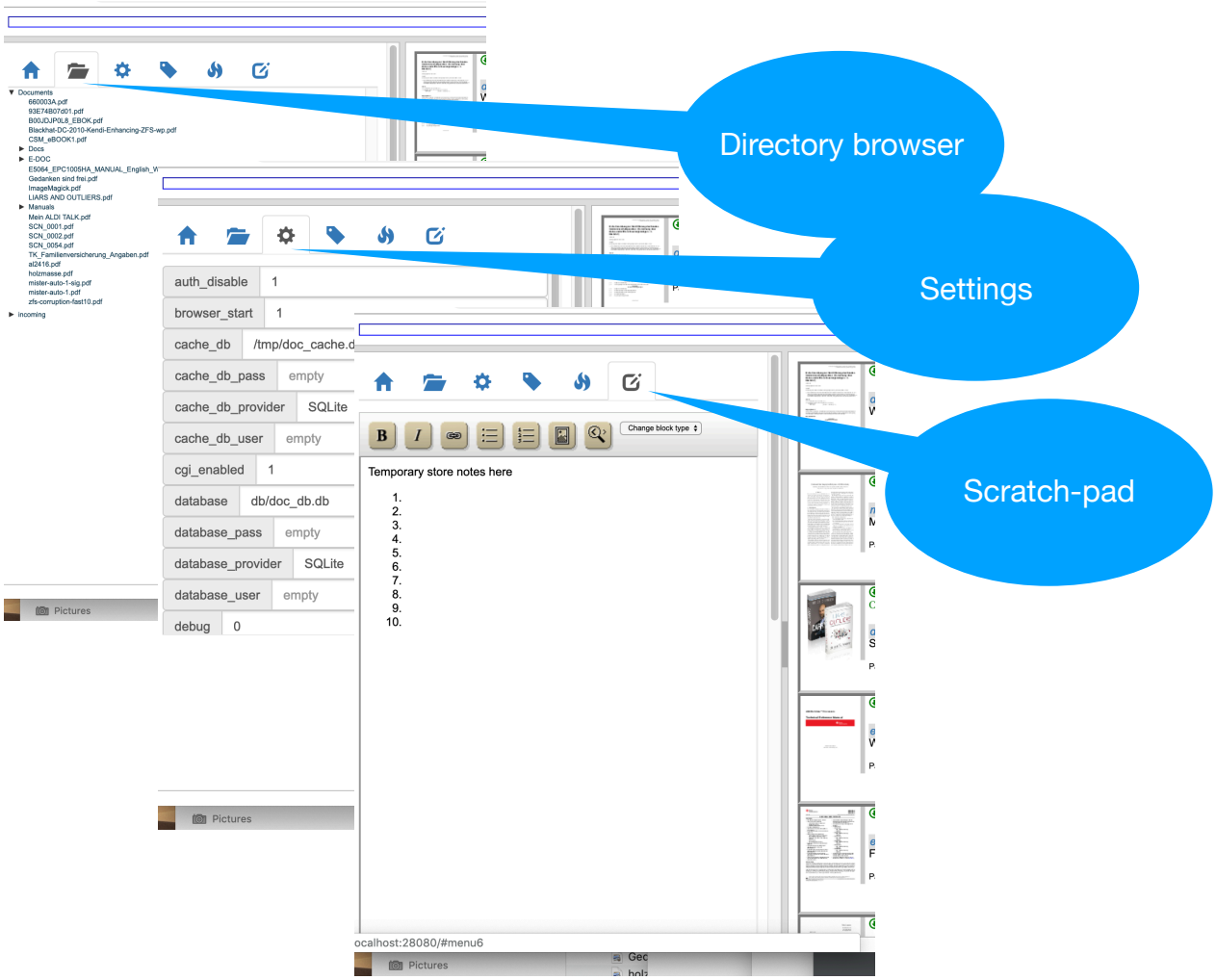


Search function

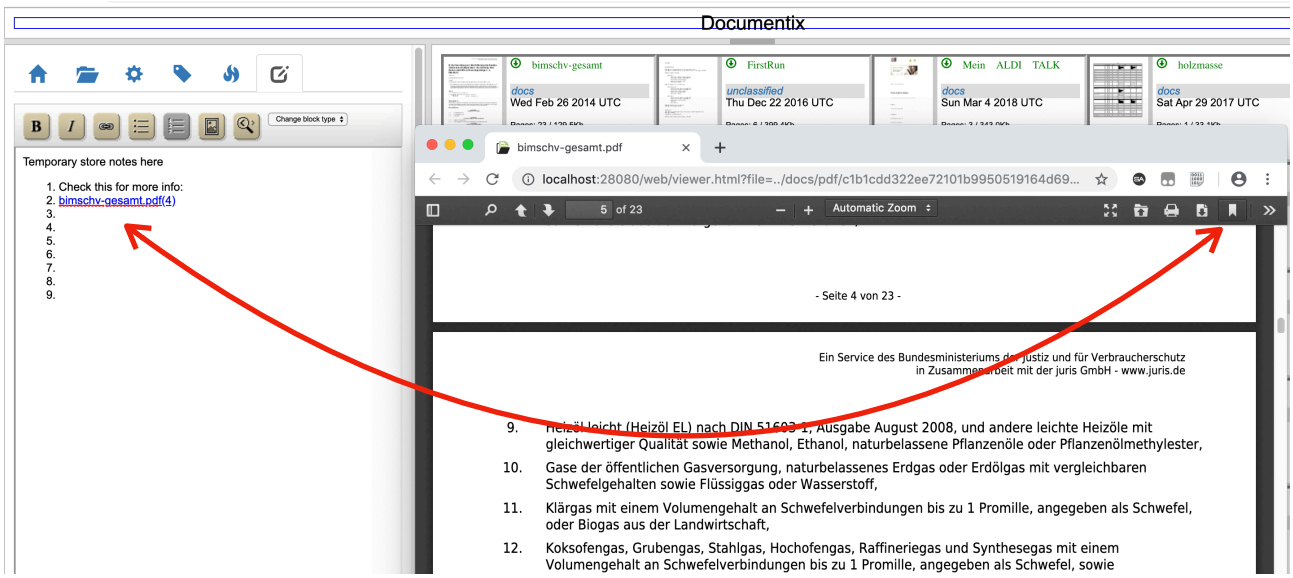


Upload new documents





Drag & Drop Bookmark-icon to capture document & location in scratch-pad



Internals

Documentix uses SQLite and the full-text-search engine as a database backend.
All documents are stored using the MD5 hash as an index. (Don't tell me it's broken - it does not matter here)

Documents send to the processing engine are converted to PDF'files (if not already). If the PDF does not contain more than a certain number of words, tesseract as an OCR engine is started on the document and a searchable PDF is created.

An interface to a Canon-mx870 exists but is not supported in the docker image.

It should be easy to create a curl command-line to upload new scans like:
> curl -F file=@o-page-14.pdf -H x-file-name:MyPage.pdf http://localhost:28080/upload

Which will upload the file "o-page-14.pdf" and name it on the server "MyPage.pdf"

Retrieving files is also possible:

If you know the MD5 has of a file.

Lets assume the MD5="009914b6b6a4cb4a37f2fc5bdbc561ca" is.
And the server is reachable under: http://localhost:28080

Then:

http://localhost:28080/docs/raw/009914b6b6a4cb4a37f2fc5bdbc561ca/MyPage
Will return the original document as it was uploaded

http://localhost:28080/docs/pdf/009914b6b6a4cb4a37f2fc5bdbc561ca/MyPage
Will get the file as a PDF (converted if necessary including OCR)

http://localhost:28080/web/viewer.html?file=../docs/pdf/009914b6b6a4cb4a37f2fc5bdbc561ca/MyPage
Will show the file as a PDF in the html viewer.

http://localhost:28080/docs/ico/009914b6b6a4cb4a37f2fc5bdbc561ca/MyPage
Will return the original document as it was uploaded