

JavadocOfflineSearch

<https://github.com/judovana/JavadocOfflineSearch>

- JavaDocs, PyDocs, PerlDocs...
 - Huge amount of information
 - Huge amount of **useful** information
 - Little bit useless without ...
...search

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- Modern programming
 - Google: “how to read file line by line java”
 - Copy paste from stackoverflow
 - Verified on about 20 students 15-25 years
 - More young, more c&p from stackoverflow

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- Legacy programming
 - Read docs
 - Surprisingly still have place
 - There are deeper and more complex information
- Google: “java string javadoc”
 - Done
- Ps: yes, studying sources, but that would kill this presentation
 - Possible by this tool too, but there are better

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- Unhappy subset
 - Google: “doc” or google: “solution”
 - Programming in offline (or even headless) environment become new challenge

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- Bus DevConf → Fosdem is one of them
 - No network, low battery, bug to fix
 - Answer was in docs, I had all the docs...
 - ...argh

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- Seriously
 - Most usptreams provide separate docs **archives**
 - Most distros generate and/or ship docs
 - HDD full of docs
 - Useful for IDEs
 - Useless for search
 - Yes there are indexers but...
 - Double useless for **browsing**

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- ... for **browsing** browsing browsing browsing
- Whats better for browsing then **browser**
- In addition, yours is already adapted for you

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- So in that bus...
 - Small server with html search text fields
 - And indexer running when you want on what you need
 - Support directories and **zips**
 - **html**, plain, pdf
 - Kindle library?
 - “**did you mean**” typo control
 - Lucene index, **page index**, self learning index
 - Later some enhancements
 - On page highlight
 - Headless mode (out of lynx)
 - **libraries**
 - Packed for fedora, simple 100kb jar (+8MB of deps :)
 - So maven assembled jar available too

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- Demo
 - Look for doc
 - Index doc
 - Search in that doc
 - Settings, archives...
- Crawl stackoverflow
 - Index and search that too