

WebPAC - Web on-line library catalog with a life of it's own

Dobrica Pavlinušić
Marijana Glavica

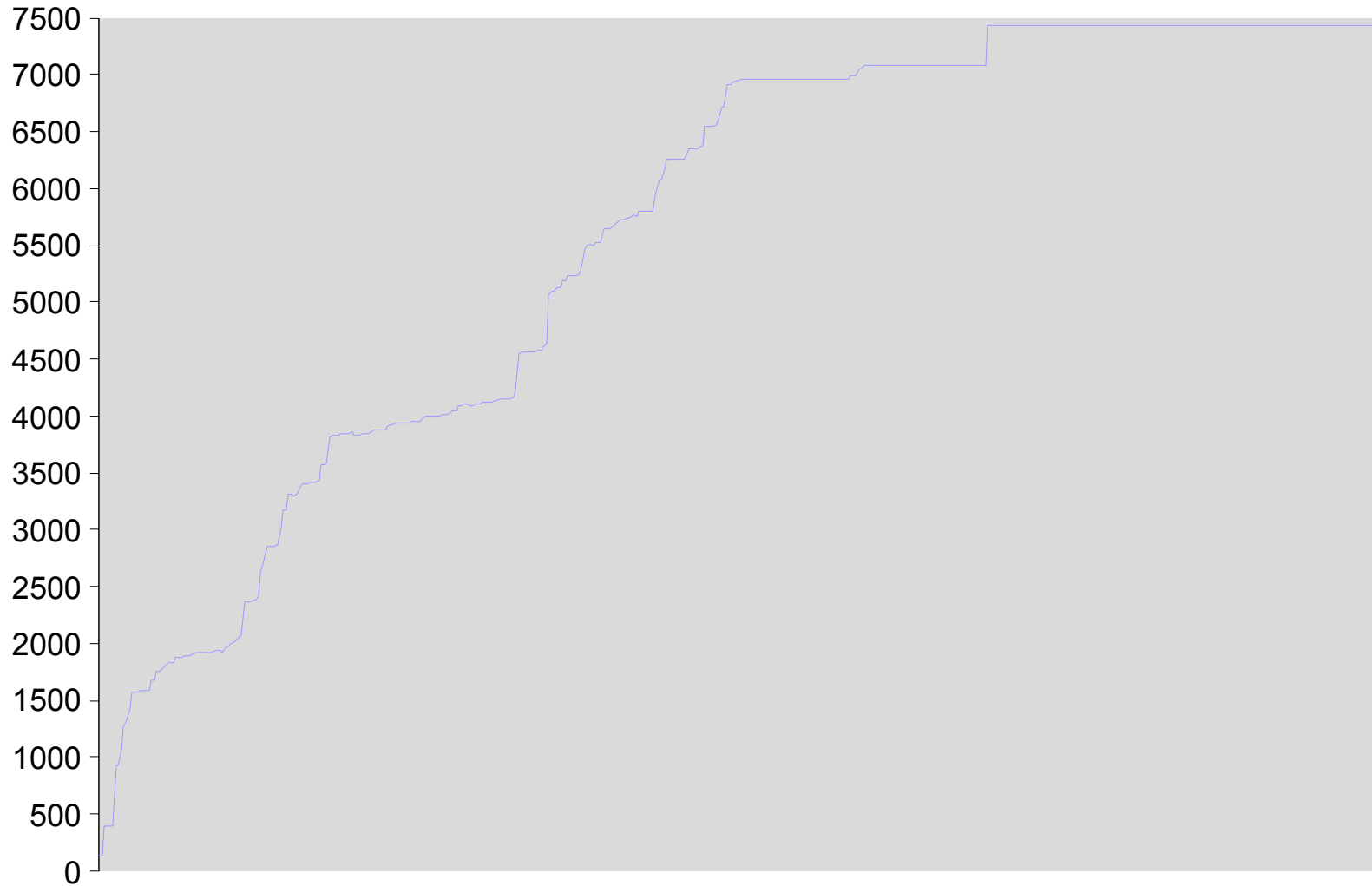
Why Free Libre Open Source

- Developing skills, gaining knowledge
- Learning about technology and its possibilities
- Learning about user needs
- Being active user
- Have fun!

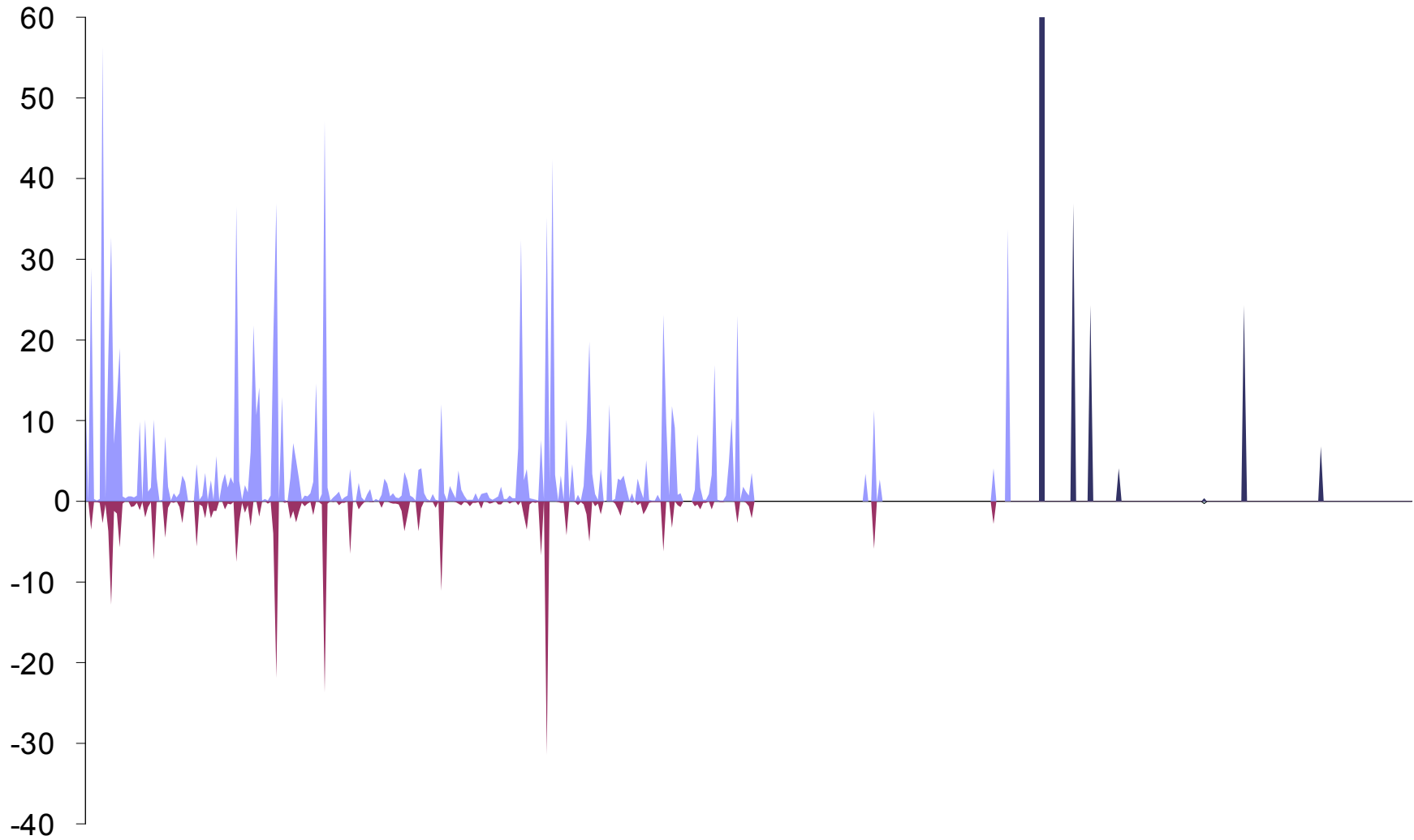
Design decisions

- Make a search engine for library data
- Adopt to changing needs of our users
 - make prototype
 - CUC 2002
 - use source code management system
 - first CVS, later SubVersion
 - make free/libre implementation under GPL
 - WebPAC v1
 - re-use Open Source components
 - perl, Apache, OpenIstis, PostgreSQL, SQLite, swish-e
 - improve code, even by starting again
 - WebPAC v2

WebPAC LOC growth

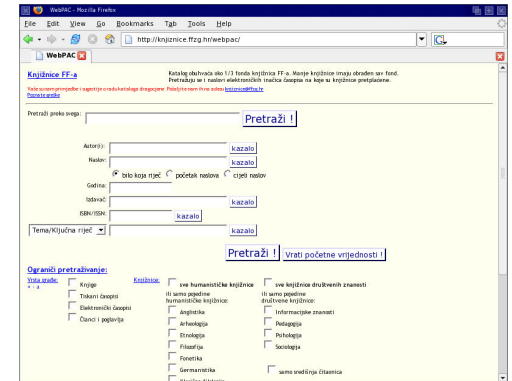


WebPAC LOC changes



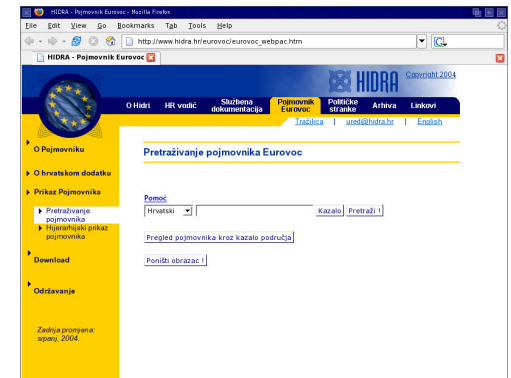
History of WebPAC

- 2002-11-24
 - start of work on GPL version
- 2003-02-23
 - implemented filter to transform data before indexing and display
- 2003-06-23
 - added Microsoft Excel support
- 2003-07-04
 - added MARC/ISO2709 support
- 2003-07-05
 - support for feeds (external programs which supply data), ScienceDirect robot



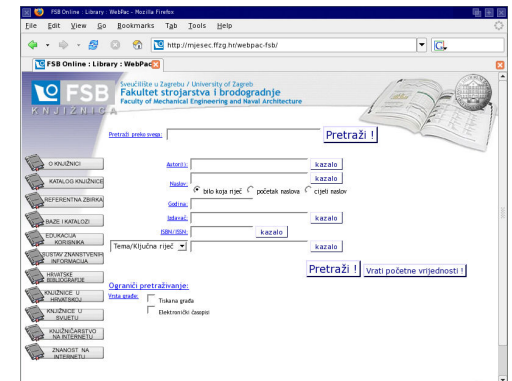
History of WebPAC

- 2003-10-08
 - CROLIST filter
- 2003-11-16
 - implement design template
- 2003-11-16
 - implement linking (hierarchical data, related, external links)
- 2003-11-20
 - exact match – more like “real” library software
- 2003-11-20
 - first “other” deployment for *HIDRA*



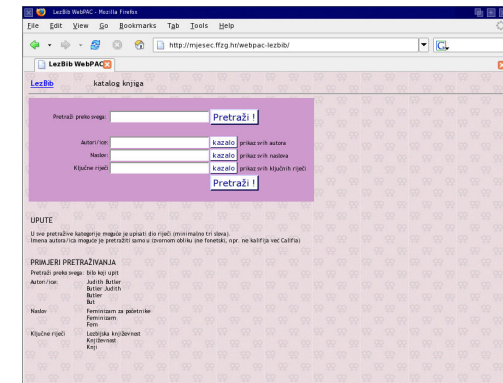
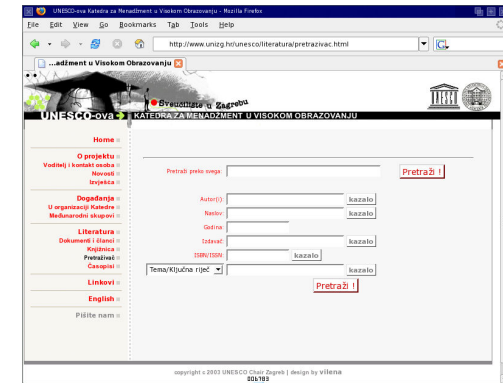
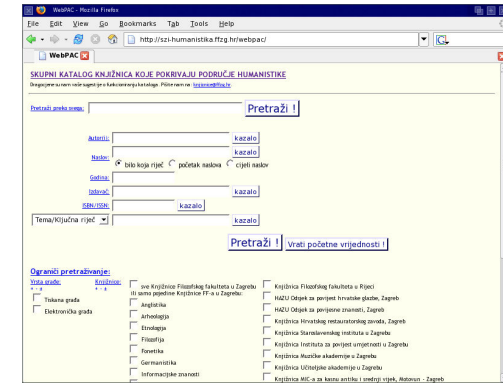
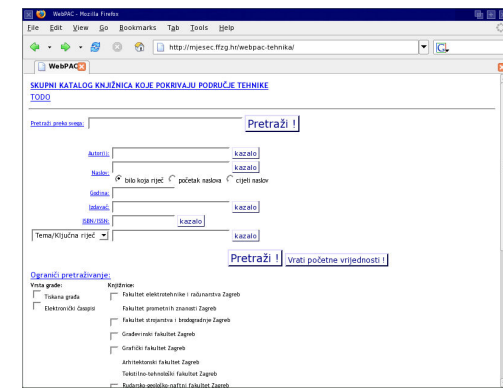
History of WebPAC

- 2003-12-21
 - different user interfaces to same data
- 2004-01-31
 - hierarhical thesaurus
- 2004-02-01
 - FSB instance
- 2004-02-01
 - import script for PhpMyLibrary MARC records
- 2004-03-08
 - *first packaged version at SourceForge*



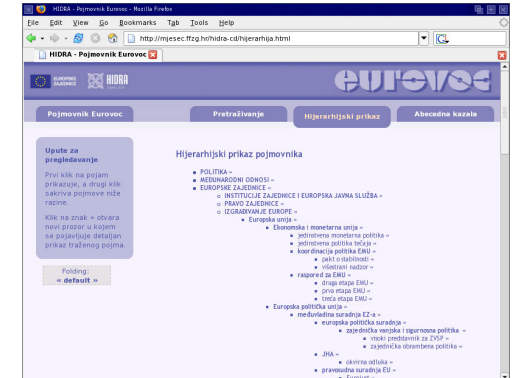
History of WebPAC

- 2004-03-12
 - created WebPAC instance for *tehnika* and *humanistika*
- 2004-03-14
 - new instance for libraries at *FFZG*
- 2004-04-17
 - own pager, using new SWISH::API
- 2004-04-18
 - new instances for *UNESCO* and *LezBib*
- 2004-05-14
 - script to convert *MODS* to *MARC*



History of WebPAC v2

- 2004-05-18
 - new *CPI* instance
- 2004-06-10
 - **begin working on WebPAC v2**
- 2004-06-16
 - first OO version of v2 code, first backport to v1
- 2004-09-27
 - working v2 version using just JavaScript and HTML (for CD-ROM version of WebPAC)



Current state and goals

- Current state:
 - v1 – server based WebPAC
 - v2 – JavaScript/HTML based WebPAC
- Short-term goals:
 - write CGI back-end for v2
 - migrate users to v2
- **don't plan too much**

Best of commit messages

- oh, well... serves me good for committing without testing first – even one-line changes
- fixed alphabet soup -- characters encoding should really work now!
- Aargh! I should really go to sleep or make PostgreSQL replication or something...
- another alternative encoding for Crolist. How many does it have?