SOC-LAB14

By Yi(Elliot) Cao

how to run my code:
1. import the project
2. Run the web/index.jsp
3. Type in the http://localhost:8080/Yi_Cao_Lab12/index.jsp
4. Input the search words

Overall understanding of lab14:
This lab focuses on the Sparql queries and I use servlet to set up UI
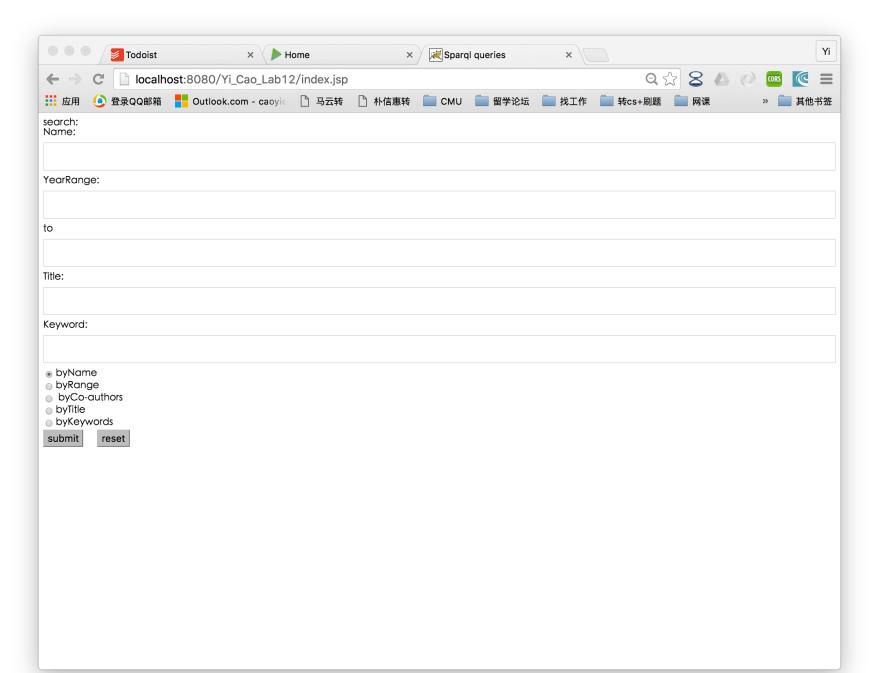
LEVEL1:
Sparql queries
LEVEL 2:
JSP, Servlet for the UI Design

Techniques:
1. **Sparql**
2. **Servlet**

1: input http://localhost:8080/Yi_Cao_Lab12/index.jsp in the browser

2: search byName
eg. "Sheng Yu"

title	author
"Representation and uniformization of algebraic transductions."	"Stavros Konstantinidis\n ;\nNicolae Santean\n ;\nSheng Yu\n ;\nSh
"Tree-systems of morphisms."	"Jürgen Dassow\n ;\nGheorghe Paun\n ;\nGabriel Thierrin\n ;\nSh
"DNA Computing, Sticker Systems, and Universality."	"Lila Kari\n ;\nGheorghe Paun\n ;\nGrzegorz Rozenberg\n ;\nArto

3: search byYearRange
Eg. "Sheng Yu", 1998-2001

title	author	
"Tree-systems of morphisms."	"Jürgen Dassow\n ;\nGheorghe Paun\n ;\nGabriel Thierrin\n ;\nSheng Yu\n ;\n"	
"DNA Computing, Sticker Systems, and Universality."	"Lila Kari\n ;\nGheorghe Paun\n ;\nGrzegorz Rozenberg\n ;\nArto Salomaa\n ;\nSheng Yu\n ;\n"	

4. Search byTitle

title	author	year
"3D CAD model matching from 2D local invariant features."	"K. P. Zhu\n ;\nYoke San Wong\n ;\nWen Feng Lu\n ;\nHan Tong Loh\n ;\n"	"2010"

url	pages	ee	journal	volume
"db/journals/cii/cii61.html#ZhuWLL10"	"432-439"	"http://dx.doi.org/10.1016/j.compind.2009.11.001"	"Computers in Industry"	"61"

5. searchByKeword eg: "matching"

title
"Scalable and elastic event matching for attribute-based publish/subscribe systems."
"Contingencies in collaborative innovation: matching organisational learning with strategic orientation and environmental munificence."
"Recommendation of e-commerce sites by matching category-based buyer query and product e-catalogs."
"Trade-offs in matching jobs and balancing load for distributed desktop grids."
"A fast and economic ontology engineering approach towards improving capability matching: Application to an online engineering collaborative platform."
"Efficient parallel automata construction for hybrid resource-impelled data-matching."
"3D CAD model matching from 2D local invariant features."
"Performance evaluation of load balancing strategies for approximate string matching application on an MPI cluster of heterogeneous workstations."
"3D dental biometrics: Alignment and matching of dental casts for human identification."
"Semantic search for matching user requests with profiled enterprises."
"Integration of machine-vision inspection information for best-matching of distributed components and suppliers."

author	year
"Xingkong Ma\n ;\nYijie Wang\n ;\nQing Qiu\n ;\nWeidong Sun ;\nXiaoqiang Pei\n ;\n"	"2014"
"Jie Zhao\n ;\nYuan Li\n ;\nYi Liu\n ;\nHaowen Cai\n ;\n"	"2013"
"Ick-Hyun Kwon\n ;\nChang Ouk Kim\n ;\nKyung Pil Kim\n ;\nChoonjong Kwak\n ;\n"	"2008"
"Jik-Soo Kim\n ;\nBeomseok Nam\n ;\nPeter J. Keleher\n ;\nMichael A. Marsh\n ;\nBobby Bhattacharjee\n ;\nAlan Sussman\n ;\n"	"2008"
"Xiao Ma\n ;\nJay Bal\n ;\nAhmad Issa\n ;\n"	"2014"
"Ciprian-Petrisor Pungila\n ;\nMario Reja\n ;\nViorel Negru\n ;\n"	"2014"
"K. P. Zhu\n ;\nYoke San Wong\n ;\nWen Feng Lu\n ;\nHan Tong Loh\n ;\n"	"2010"
"Panagiotis D. Michailidis\n ;\nKonstantinos G. Margaritis\n ;\n"	"2003"
"Xin Zhong\n ;\nDeping Yu\n ;\nYoke San Wong\n ;\nTerence Sim\n ;\nWen Feng Lu\n ;\nKelvin Weng Chiong Foong\n ;\nHo-Lun Cheng\n ;\n"	"2013"
"Anna Formica\n ;\nMichele Missikoff\n ;\nElaheh Pourabbas\n ;\nFrancesco Taglino\n ;\n"	"2013"
"Juan D. Velásquez\n ;\nShimon Y. Nof\n ;\n"	"2008"

url	pages	ee	journal	volume
"db/journals/fgcs/fgcs36.html#MaWQSP14"	"102-119"	"http://dx.doi.org/10.1016/j.future.2013.09.019"	"Future Generation Comp. Syst."	"36"
"db/journals/ijtm/ijtm62.html#ZhaoLLC13"	"193-222"	"http://dx.doi.org/10.1504/IJTM.2013.055163"	"IJTM"	"62"
"db/journals/cii/cii59.html#KwonKKK08"	"380-394"	"http://dx.doi.org/10.1016/j.compind.2007.10.002"	"Computers in Industry"	"59"
"db/journals/fgcs/fgcs24.html#KimNKMBS08"	"415-424"	"http://dx.doi.org/10.1016/j.future.2007.07.007"	"Future Generation Comp. Syst."	"24"
"db/journals/cii/cii65.html#MaBI14"	"1264-1275"	"http://dx.doi.org/10.1016/j.compind.2014.05.004"	"Computers in Industry"	"65"
"db/journals/fgcs/fgcs36.html#PungilaRN14"	"31-41"	"http://dx.doi.org/10.1016/j.future.2013.09.008"	"Future Generation Comp. Syst."	"36"
"db/journals/cii/cii61.html#ZhuWLL10"	"432-439"	"http://dx.doi.org/10.1016/j.compind.2009.11.001"	"Computers in Industry"	"61"
"db/journals/fgcs/fgcs19.html#MichailidisM03"	"1075-1104"	"http://dx.doi.org/10.1016/S0167-739X(03)00109-2"	"Future Generation Comp. Syst."	"19"
"db/journals/cii/cii64.html#ZhongYWSLFC13"	"1355-1370"	"http://dx.doi.org/10.1016/j.compind.2013.06.005"	"Computers in Industry"	"64"
"db/journals/cii/cii64.html#FormicaMPT13"	"191-202"	"http://dx.doi.org/10.1016/j.compind.2012.09.007"	"Computers in Industry"	"64"
"db/journals/cii/cii59.html#VelasquezN08"	"69-81"	"http://dx.doi.org/10.1016/j.compind.2007.06.007"	"Computers in Industry"	"59"

6. Search Coauthors

Eg: "Sheng Yu"

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| title                                        | author                                                                                  |
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| "Tree-systems of morphisms."                 | "Jürgen Dassow\n    ;\nGheorghe Paun\n    ;\nGabriel Thierrin\n    ;\nSheng Yu\n    ;\n" |
| "DNA Computing, Sticker Systems, and Universality." | "Lila Kari\n    ;\nGheorghe Paun\n    ;\nGrzegorz Rozenberg\n    ;\nArto Salomaa\n    ;\nSheng Yu\n    ;\n" |
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