

VIRLab: A Web-based Virtual Lab for Learning and Studying Information Retrieval Models

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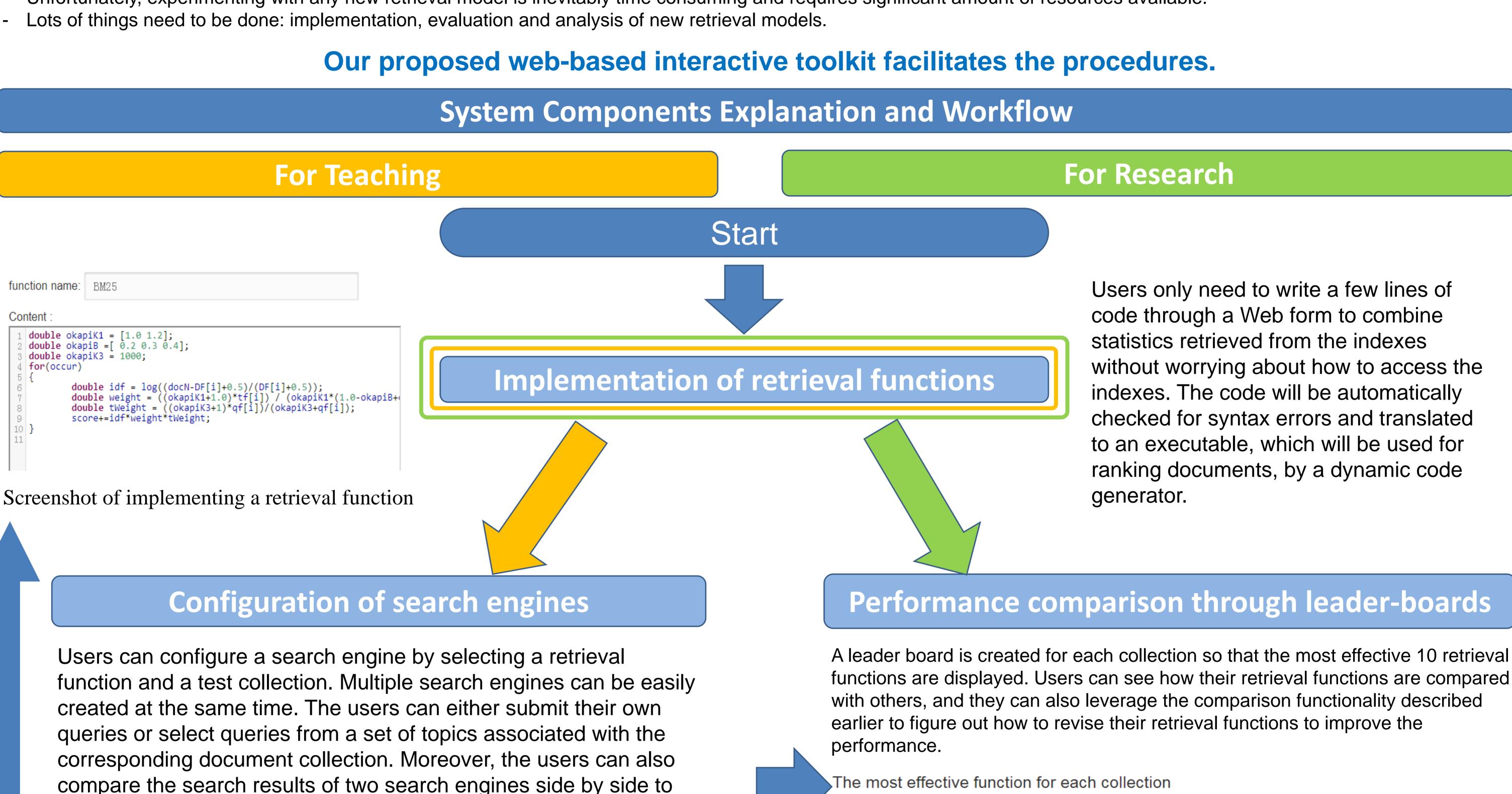
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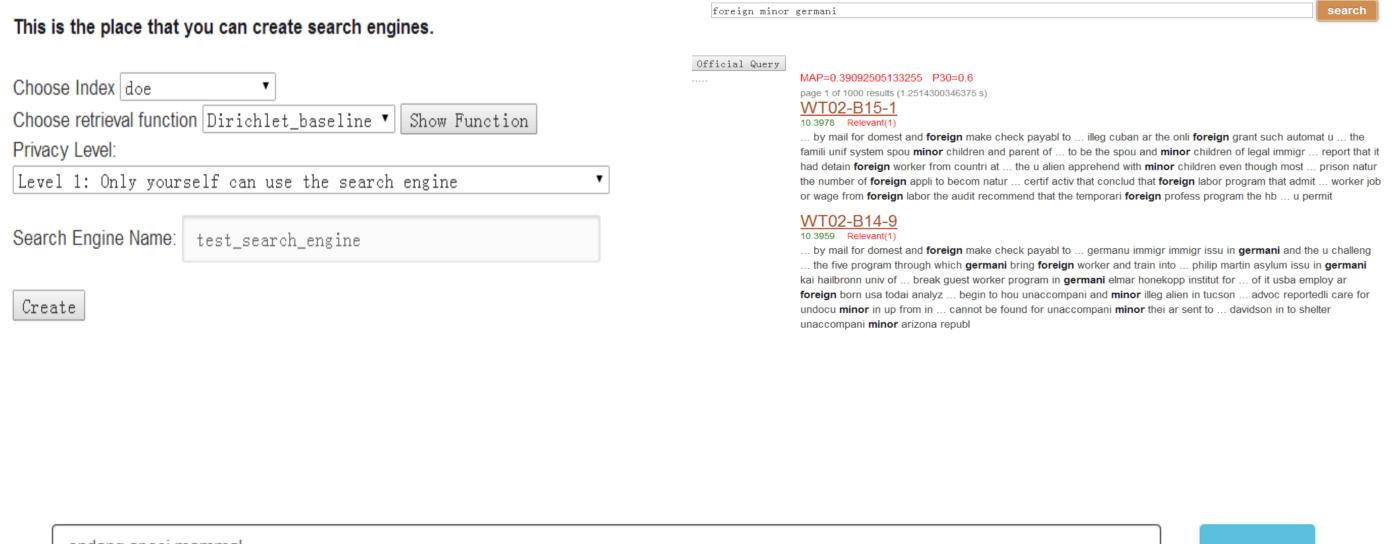
Go and try our toolkit at http://infolab.ece.udel.edu:8008/

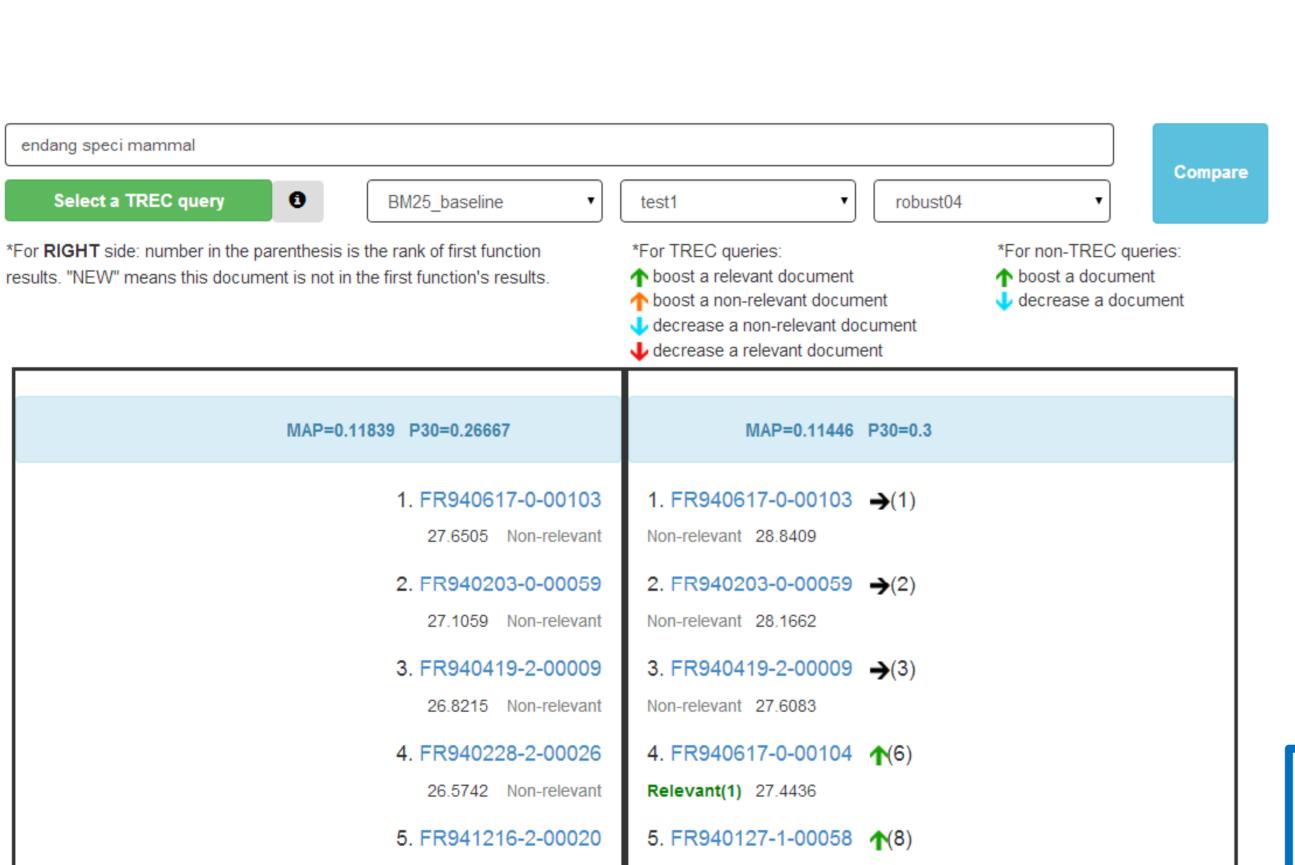
Motivation

- Developing optimal IR models is one of the most important research problems in information retrieval.
- Unfortunately, experimenting with any new retrieval model is inevitably time consuming and requires significant amount of resources available.



compare the search results of two search engines side by side to figure out their ranking differences. foreign minor german This is the place that you can create search engines.





Relevant(1) 27.4307

26.5547 Non-relevant

functions are displayed. Users can see how their retrieval functions are compared

User

MAP

P@30

Compare with yours

Collection

Best Retrieval Function

er	ap8889	BM25_fixed	guest	0.2189	0.2975	Per-query Overview 3/3
	doe	Okapi_test	hfang	0.1841	0.2286	Per-query Overview 2/3
	robust04	BM25_baseline+	peilin	0.2462	0.3041	Per-query Overview 1/3
	wt2g	f2exp_test	hfang	0.3105	0.3253	Per-query Overview 3/3
	* Rankings are first based on MAP and then P@30. + means it is your function. Not as good as expected?					
	LeaderBoard / Summary / compare with best for all officical TREC queries					
	Dirichlet_umich ▼					
	Baseline Function: Okapi_test(hfang) Co				Collection:	doe
	MAP(Okapi_test(hfang)):0.1841 MAP(Dirichlet_umich(peilin)):0.1804					
Comparison of each topic						Okapi_test(hfang)
		11:space program 0.1027	,			Dirichlet_umich(peilin)
		12:water pollution 0.0694 0.0515				
13:mitsubishi heavi industri ltd						0.8554
17:measur control agrochem						
		24:new medic technologi 0.0009 0.0003				
		25:aftermath chernobyl 0.0396 0.0407				
	27:expert system neu	ural network busi manufactur	0.2			
		42:end user comput do 0.0154 43:u technologi polici	0.2			
Inspect	63:machin translat	0.1978				
details of the not-						
uetails of	me not-					
so-good						