

倒排索引|Inverted Index

搜索 - 正向索引 B+树

文本/网站1	Xiao ao is a dev manager in a tech company, living in North, weather is cold
文本/网站2	Xiao yi is a data architect in a tech company, living in west
文本/网站3	Xiao qiao lived in north, and moved to west recently, weather is not cold
文本/网站4	Xiao xiu living in northeast, is an engineer in a tech company
文本/网站5	Xiao ming is a data analyst manager, living in south, weather is not cold

倒排索引 - 关键词

关键词ID	关键词	倒排列表 posting file
1	xiao	1,2,3,4,5
2	data	2,5
3	tech company	1,2,4
4	north	1, 3
5	west	2,3
6	northeast	4
7	manager	1,5

Practice

- 简单模拟

业界产品

- Lucene
 - Solr
 - ElasticSearch

ES Practice

- `sudo bin/elasticsearch-plugin install [plugin_name]`
- 调用

Case Study 1

简单&典型的应用

<https://medium.com/swlh/demystifying-a-web-search-problem-using-inverted-index-c6df8236291>

Case Study 2

倒排索引管理依赖关系图-谁依赖我

<https://engineering.linkedin.com/blog/2019/serving-dependencies-at-scale>