译 **基于内容的图像检索系统（合集）**

基于内容的图像检索，即CBIR(Content-based image retrieval)，是计算机视觉领域中关注大规模数字图像内容检索的研究分支。典型的CBIR系统，允许用户输入一张图片，以查找具有相同或相似内容的其他图片。而传统的图像检索是基于文本的，即通过图片的名称、文字信息和索引关系来实现查询功能。

本文是Wiki上统计的当前主要的基于内容的图像检索系统。

商业图像搜索引擎：

名称	描述	外部图像查询	元数据查询	索引的大小 (估计值 , Millions of Images)	组织	协议 (Open/Closed)
Elastic Vision	Smart image searcher with content-based clustering in a visual network.	No	No		Private Company	Closed
Google Image Search	Google's CBIR system, note: does not work on all images	Yes	Yes		Public Company	Closed
Baidu Image Search	Baidu's CBIR system	Yes	Yes	1000M	Public Company	Closed
ID My Pill	Automatic prescription pill identification (CBIR)	Yes	No		Private Company	Open (via API)
Imense Image Search Portal	CBIR search engine, by Imense.	No	Yes	3M	Private Company	Closed
Imprezzeo Image Search	CBIR search engine, by Imprezzeo.	No	Yes		Private Company	Closed
Visual Image Search	CBIR search engine, by pixolution	Yes	No	10M	Private Company	Closed
Incogna Image Search	CBIR search engine, by Incogna Inc.	No	Yes	100M	Private Company	Closed
Like.com	Shopping & fashion based CBIR engine	No	Yes	1M	Private Company	Closed
Chic Engine	Visual fashion search engine (CBIR)	Yes	No		Private Company	Closed
MiPai similarity search engine	Online similarity search engine	Yes	Yes	100M	Individual	Closed
Piximilar	Demo engine, developed by Idee Inc.	No	No	3M	Private Company1	Closed
Empora	Product comparison & shopping using CBIR for product images. Previously known as Pixsta	No	Yes	0.5M	Private Company	Closed
Shopachu	Shopping & fashion CBIR engine, by Incogna Inc.	No	Yes	1M	Private Company	Closed
TinEye	CBIR site for finding variations of web images, by Idee Inc.	Yes	No	1800M	Private Company	Closed
Tiltomo	CBIR system using Flickr photos	No	Yes		Private Company	Closed
eBay Image Search	Image Search for eBay Fashion	No	Yes	20M	Public Company	Closed
Visual Recognition Factory	Visual Recognition Factory	Yes	Yes		Private Company	Closed
IMMENSELAB	CBIR search engine by KBKGROUP .	Yes	No	10M	Private Company	Closed
Macroglossa Visual Search	CBIR visual search engine	Yes	No		Private Company	Closed

研究项目（有一部分是开源的）：

名称	外部图像查询	元数据查询	索引大小 (估计值, Millions of Images)	组织	协议 (Open/Closed)
akiwi	Yes	Yes	15M	University	Closed
ALIPR	Yes	Yes		University	Closed
Anaktisi	Yes	No	0.225M	University	Open
BRISC	Yes	No		University	GPL

名称	外部图像查询	元数据查询	索引大小 (估计值, Millions of Images)	组织	协议 (Open/Closed)
Caliph & Emir	Yes	No	Desktop-based	University	GPL
FIRE	No	No	University	Open	
GNU Image Finding Tool	Yes	No	Desktop-based	GNU	GPL
ISSBP	Yes	Yes	free-beta limited to 4k images	Private Company	Closed
img(Rummager)	Yes	No	Desktop-based	Individual	Closed
imgSeek	Yes	No	Individual	GPL	
IKONA	Yes	Yes	University	Closed	
IOSB	Yes	No	Desktop-based	Research Institute	Closed
LIRE	Yes	Yes	University	GPL	
Lucignolo	Yes	Yes	106M	Research Institute	Closed
MIFile	No	No	106M	Research Institute	Open
MUVIS	Yes	No	Desktop-based	University	Closed
PIRIA	Yes	Yes	130M	University	Closed
PicsLikeThat	No	No	12M	University	Closed
Pixcavator	Yes	No	Desktop-based	Private company	Closed
pixolu	Yes	No	Private Company / University	Closed	
RETIN	No	No	University	Closed	
Retrievr	No	No	University	Closed	
SIMBA	Yes	No	0.002M	University	Closed
TagProp	No	Yes	Institute	Closed	
VIRaL	Yes	Yes	2.221M	University	Closed
Windsurf	Yes	No	University	Closed	
PIBE	Yes	No	University	Closed	
SHIATSU	Yes	Yes	University	Closed	

用过其中的LIRE和Caliph & Emir，还是比较好用的

原文地址： http://en.wikipedia.org/wiki/List_of_CBIR_Engines

文章标签： 基于内容 图像 检索 系统

个人分类： MPEG7/图像检索