

Elasticsearch配置教程 (v7.6.2)

下载软件

请根据你的操作系统选择下载Elasticsearch：

- Windows: https://mirrors.huaweicloud.com/elasticsearch/7.6.2/elasticsearch-7.6.2-windows-x86_64.zip
- Mac OS: https://mirrors.huaweicloud.com/elasticsearch/7.6.2/elasticsearch-7.6.2-darwin-x86_64.tar.gz
- Cent OS: https://mirrors.huaweicloud.com/elasticsearch/7.6.2/elasticsearch-7.6.2-x86_64.rpm

无论是哪个操作系统，另外下载Elasticsearch的ik分词器（以下3个链接选择其中1个即可）：

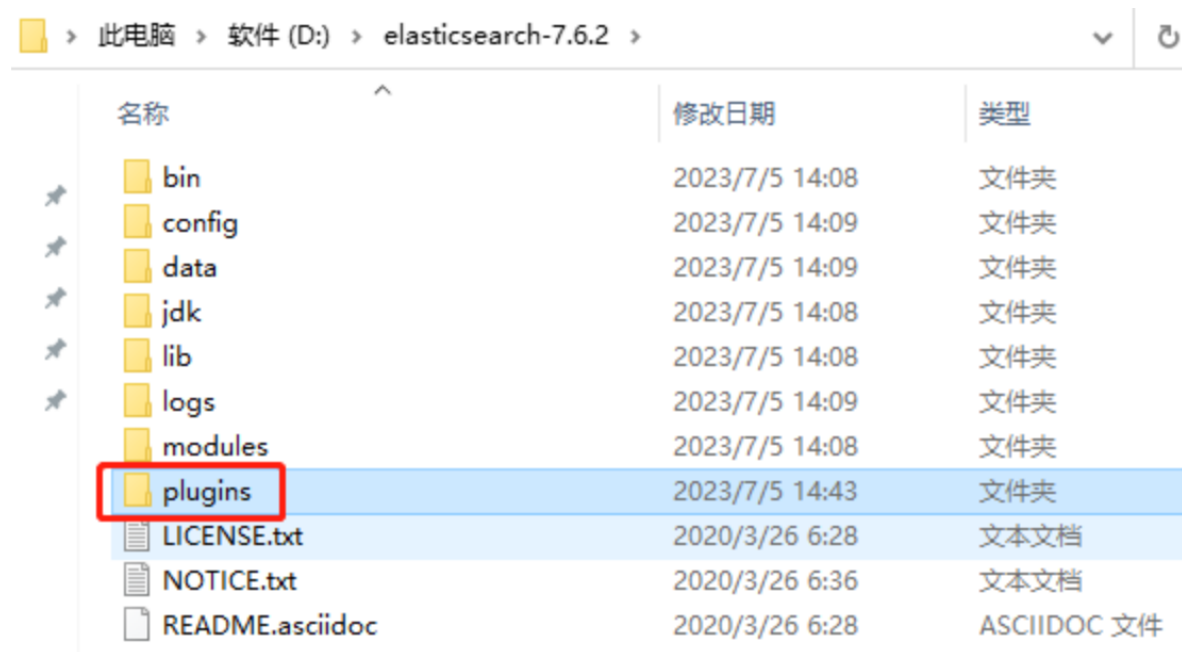
- <https://github.com/medcl/elasticsearch-analysis-ik/releases/download/v7.6.2/elasticsearch-analysis-ik-7.6.2.zip>
- <https://robinliu.3322.org:8888/download/elasticsearch-analysis-ik-7.6.2.zip>
- https://pan.baidu.com/s/1m807c0mGvKuHya_uDFxh3Q（提取码：zz2f）

配置并启动Elasticsearch

将你下载得到的“Elasticsearch”压缩包解压，并确保解压后的文件夹路径中仅包含ASCII码字符，且没有空格。

- 【正例】D:\Elasticsearch
- 【反例】D:\学习工具\Elasticsearch
- 【反例】D:\Java Tools\Elasticsearch

然后，打开Elasticsearch文件夹下的 `plugins` 文件夹：



将“Elasticsearch的ik分词器”解压（解压后你可以自行修改文件夹名称），并放在此文件夹下：

此电脑 > 软件 (D:) > elasticsearch-7.6.2 > plugins > ik					在 ik 中搜索
名称	修改日期	类型	大小		
config	2023/7/5 14:43	文件夹			
commons-codec-1.9.jar	2018/5/6 17:30	Zulu jar file	258 KB		
commons-logging-1.2.jar	2018/5/6 17:30	Zulu jar file	61 KB		
elasticsearch-analysis-ik-7.6.2.jar	2020/4/1 10:25	Zulu jar file	54 KB		
httpclient-4.5.2.jar	2018/5/6 17:30	Zulu jar file	720 KB		
httpcore-4.4.4.jar	2018/5/6 17:30	Zulu jar file	320 KB		
plugin-descriptor.properties	2020/4/1 10:25	PROPERTIES 文件	2 KB		
plugin-security.policy	2020/4/1 10:25	POLICY 文件	1 KB		

完成后，打开Elasticsearch文件夹下的bin文件夹，根据你的操作系统，执行对应的elasticsearch启动文件，以Windows操作系统为例，应执行elasticsearch.bat文件：

此电脑 > 软件 (D:) > elasticsearch-7.6.2 > bin					
名称	修改日期				
elasticsearch	2020/3/26 6:28				
elasticsearch.bat	2020/3/26 6:28				
elasticsearch-certgen	2020/3/26 6:36				
elasticsearch-certgen.bat	2020/3/26 6:36				
elasticsearch-certutil	2020/3/26 6:36				
elasticsearch-certutil.bat	2020/3/26 6:36				
elasticsearch-cli	2020/3/26 6:28				
elasticsearch-cli.bat	2020/3/26 6:28				
elasticsearch-croneval	2020/3/26 6:36				
elasticsearch-croneval.bat	2020/3/26 6:36				

正常启动成功后，你应该可以看到：

```

C:\Windows\system32\cmd.exe
[2023-07-05T14:10:00.046][INFO ][o.e.c.m.MetadataIndexTemplateService] [DESKTOP-VM4JLMC] adding template [.watch-history-10] for index patterns [.watcher-history-10*]
[2023-07-05T14:10:00.220][INFO ][o.e.c.m.MetadataIndexTemplateService] [DESKTOP-VM4JLMC] adding template [.watches] for index patterns [.watches*]
[2023-07-05T14:10:00.374][INFO ][o.e.c.m.MetadataIndexTemplateService] [DESKTOP-VM4JLMC] adding template [.triggered_watches] for index patterns [.triggered_watches*]
[2023-07-05T14:10:00.532][INFO ][o.e.c.m.MetadataIndexTemplateService] [DESKTOP-VM4JLMC] adding template [ilm-history] for index patterns [ilm-history-1*]
[2023-07-05T14:10:00.683][INFO ][o.e.c.m.MetadataIndexTemplateService] [DESKTOP-VM4JLMC] adding template [.slm-history] for index patterns [.slm-history-1*]
[2023-07-05T14:10:00.848][INFO ][o.e.c.m.MetadataIndexTemplateService] [DESKTOP-VM4JLMC] adding template [.monitoring-logstash] for index patterns [.monitoring-logstash-7-*]
[2023-07-05T14:10:01.006][INFO ][o.e.c.m.MetadataIndexTemplateService] [DESKTOP-VM4JLMC] adding template [.monitoring-es] for index patterns [.monitoring-es-7-*]
[2023-07-05T14:10:01.165][INFO ][o.e.c.m.MetadataIndexTemplateService] [DESKTOP-VM4JLMC] adding template [.monitoring-beats] for index patterns [.monitoring-beats-7-*]
[2023-07-05T14:10:01.329][INFO ][o.e.c.m.MetadataIndexTemplateService] [DESKTOP-VM4JLMC] adding template [.monitoring-alerts-7] for index patterns [.monitoring-alerts-7]
[2023-07-05T14:10:01.502][INFO ][o.e.c.m.MetadataIndexTemplateService] [DESKTOP-VM4JLMC] adding template [.monitoring-kibana] for index patterns [.monitoring-kibana-7-*]
[2023-07-05T14:10:01.639][INFO ][o.e.x.i.a.TransportPutLifecycleAction] [DESKTOP-VM4JLMC] adding index lifecycle policy [watch-history-ilm-policy]
[2023-07-05T14:10:01.782][INFO ][o.e.x.i.a.TransportPutLifecycleAction] [DESKTOP-VM4JLMC] adding index lifecycle policy [ilm-history-ilm-policy]
[2023-07-05T14:10:01.945][INFO ][o.e.x.i.a.TransportPutLifecycleAction] [DESKTOP-VM4JLMC] adding index lifecycle policy [slm-history-ilm-policy]
[2023-07-05T14:10:02.258][INFO ][o.e.l.LicenseService] [DESKTOP-VM4JLMC] license [f4739eca-676c-4132-82fb-ca486326ee99] mode [basic] - valid
[2023-07-05T14:10:02.258][INFO ][o.e.x.s.s.SecurityStatusChangeListener] [DESKTOP-VM4JLMC] Active license is now [BASIC]; Security is disabled

```

并且，打开浏览器，访问 <http://localhost:9200>，你应该可以看到：



```
{
  "name" : "DESKTOP-VM4JLMC",
  "cluster_name" : "elasticsearch",
  "cluster_uuid" : "RB0NBsWFR8qCOVkoyJ3lmQ",
  "version" : {
    "number" : "7.6.2",
    "build_flavor" : "default",
    "build_type" : "zip",
    "build_hash" : "ef48eb35cf30adf4db14086e8aabd07ef6fb113f",
    "build_date" : "2020-03-26T06:34:37.794943Z",
    "build_snapshot" : false,
    "lucene_version" : "8.4.0",
    "minimum_wire_compatibility_version" : "6.8.0",
    "minimum_index_compatibility_version" : "6.0.0-beta1"
  },
  "tagline" : "You Know, for Search"
}
```

如果无法成功启动，原因可能是：

- 你的操作系统没有配置名为 `JAVA_HOME` 的环境变量，此环境变量应指向JDK的目录（不是指向JDK下的bin目录）
- 你的Elasticsearch所在的文件夹的路径中包括非ASCII码字符（例如中文）或空格
- 其它原因