|  |  |  |  |
| --- | --- | --- | --- |
| **序号** | **函数名** | **功能** | |
| 1 | hbaseInfo | Cloudera-HBase状态查看 | |
| 2 | hbaseCheck | Cloudera-HBase状态总结 | |
| 3 | zookeeperInfo | Cloudera-Zookeeper状态查看 | |
| 4 | zookeeperCheck | Cloudera-Zookeeper状态总结 | |
| 5 | oozieInfo | Cloudera-Oozie状态查看 | |
| 6 | oozieCheck | Cloudera-Oozie状态总结 | |
| 7 | yarnInfo | Cloudera-Yarn状态查看 | |
| 8 | yarnCheck | Cloudera-Yarn状态总结 | |
| 9 | sparkOnYarnInfo | Cloudera-Spark on Yarn状态查看 | |
| 10 | sparkOnYarnCheck | Cloudera-Spark on Yarn状态总结 | |
| 11 | hdfsInfo | Cloudera-HDFS状态查看 | |
| 12 | hdfsCheck | Cloudera-HDFS状态总结 | |
| 13 | kafkaInfo | Cloudera-Kafka状态查看 | |
| 14 | kafkaCheck | Cloudera-Kafka状态总结 | |
| 15 | clouderaCheck | Cloudera状态查看 | |
| 16 | streamingCheck | 流状态查看 | |
| 17 | hbaseTableCheck | HBase表状态查看 | |
| 18 | kafkaTopicCheck | Kafka Topic状态查看 | |
| 19 | elasticsearchIndexCheck | ES索引状态查看 | |
| 20 | hbaseIndexerCheck | HBase Indexer状态查看 | |
| 21 | elasticsearchPluginCheck | ES插件状态查看 | |
| 22 | elasticsearchTaskCheck | ES定时任务状态查看 | |
| 23 | bigDataServiceCheck | 大数据服务引擎状态查看 | |
| 24 | bigDataSearchCheck | 大数据搜索引擎状态查看 | |
| 25 | check | 查看 | |
| 26 | clouderaSummary | Cloudera状态总结 | |
| 27 | elasticsearchSummary | ES状态总结 | |
| 28 | streamingSummary | 流状态总结 | |
| 29 | hbaseTableSummary | HBase表状态总结 | |
| 30 | kafkaTopicSummary | Kafka Topic状态总结 |
| 31 | elasticsearchIndexSummary | ES索引状态总结 |
| 32 | hbaseIndexerSummary | HBase Indexer状态总结 |
| 33 | elasticsearchPluginSummary | ES插件状态总结 |
| 34 | elasticsearchTaskSummary | ES定时任务状态总结 |
| 35 | bigDataServiceSummary | 大数据服务引擎状态总结 |
| 36 | bigDataSearchSummary | 大数据搜索引擎状态总结 |
| 37 | errorSummary | 错误总结 |
| 38 | summary | 总结 |
| 39 | initParam | 初始化参数 |
| 40 | versionCheck | 查看版本号 |
| 41 | info | 菜单提示 |
| 42 | menu | 菜单选择 |
| 43 | main | 主函数 |

# 操作说明

# check

## bigDataServiceCheck

### clouderaCheck

#cloudera 服务检查

### streamingCheck

#Spark Streaming 服务检查

### hbaseTableCheck

#HBase Table检查

### kafkaTopicCheck

#Kafka Topic检查

## bigDataSearchCheck

### elasticsearchCheck

#Elasticsearch 服务检查

执行结果：

|  |
| --- |
| [root@face bin]# curl 10.45.157.112:9200/\_cluster/health?pretty  {  "cluster\_name" : "face.dct-znv.com-es",  "status" : "yellow",  "timed\_out" : false,  "number\_of\_nodes" : 1,  "number\_of\_data\_nodes" : 1,  "active\_primary\_shards" : 34,  "active\_shards" : 34,  "relocating\_shards" : 0,  "initializing\_shards" : 0,  "unassigned\_shards" : 3,  "delayed\_unassigned\_shards" : 0,  "number\_of\_pending\_tasks" : 0,  "number\_of\_in\_flight\_fetch" : 0,  "task\_max\_waiting\_in\_queue\_millis" : 0,  "active\_shards\_percent\_as\_number" : 91.8918918918919  } |

### elasticsearchIndexCheck

#Elasticsearch Index检查

执行结果：

|  |
| --- |
| [root@face bin]# curl --head 10.45.157.112:9200/history\_test\_qk\_1?pretty  HTTP/1.1 200 OK  content-type: application/json; charset=UTF-8  content-length: 4149  [root@face bin]# curl --head 10.45.157.112:9200/history\_test\_qk\_20?pretty  HTTP/1.1 404 Not Found  content-type: text/plain; charset=UTF-8  content-length: 0 |

### hbaseIndexerCheck

#HBase Indexer检查

### elasticsearchPluginCheck

#Elasticsearch 插件检查

### elasticsearchTaskCheck

#Elasticsearch 定时任务检查

|  |
| --- |
| crontab -l #查看你的任务 |

# summary

## bigDataServiceSummary

#大数据服务引擎 总结

### clouderaSummary

#Cloudera 总结

### streamingSummary

#Spark Streaming 总结

### hbaseTableSummary

#HBase Table总结

### kafkaTopicSummary

#Kafka Topic总结

## bigDataSearchSummary

#大数据搜索引擎 总结

### elasticsearchSummary

lasticsearch 总结

|  |
| --- |
| elasticsearch\_cluster\_name=${elasticsearch\_res#\*\"cluster\_name\"} 1  elasticsearch\_cluster\_name=${elasticsearch\_cluster\_name#\*\"} 2  elasticsearch\_cluster\_name=${elasticsearch\_cluster\_name%%\"\*} 3  elasticsearch\_cluster\_status=${elasticsearch\_res#\*\"status\"}  elasticsearch\_cluster\_status=${elasticsearch\_cluster\_status#\*\"}  elasticsearch\_cluster\_status=${elasticsearch\_cluster\_status%%\"\*} |

双引号前面都加了转义字符“\”；

|  |
| --- |
| [root@face elasticsearch]# curl 10.45.157.112:9200/\_cluster/health?pretty  {  "cluster\_name" : "face.dct-znv.com-es",  "status" : "yellow",  "timed\_out" : false,  "number\_of\_nodes" : 1,  "number\_of\_data\_nodes" : 1,  "active\_primary\_shards" : 34,  "active\_shards" : 34,  "relocating\_shards" : 0,  "initializing\_shards" : 0,  "unassigned\_shards" : 3,  "delayed\_unassigned\_shards" : 0,  "number\_of\_pending\_tasks" : 0,  "number\_of\_in\_flight\_fetch" : 0,  "task\_max\_waiting\_in\_queue\_millis" : 0,  "active\_shards\_percent\_as\_number" : 91.8918918918919  } |

1：找到的是“cluster\_name"”后面空格开始的内容；

2：找到的是第一个双引号，删掉了蓝色底纹部分的内容；

3：找到了红色字体双引号开始部分的内容；

三步截取cluster\_name 对应的value；

### elasticsearchIndexSummary

#Elasticsearch Index总结

### hbaseIndexerSummary

#HBase Indexer总结

### elasticsearchPluginSummary

#Elasticsearch Plugin总结

### elasticsearchTaskSummary

#Elasticsearch Task总结

## errorSummary

#错误总数