

curl http://localhost:8081/etl/es7/living-dev.yml -X POST

表sql

推荐医生相关ES

推荐医生sql

推荐医生mapping

模板

有问诊记录

省内

省外

推荐视频相关ES

推荐视频sql

推荐视频mapping

模板

直播中有问诊记录模板

直播中省内

直播中省外

预播有问诊记录

预播省内

预播省外

回放有问诊记录

回放省内

回放省外

表sql

```

1 update biz_doctor_info set is_del = 0 where is_del is null;
2 update biz_living_record set is_del = 0 where is_del is null;
3 update doctordepartment set isdel = 0 where isdel is null;
4 update hospital set isdel = 0 where isdel is null;
5 update livebroadcast set isdel = 0 where isdel is null;
6 update rel_doctor_depart_hospital set is_del =0 where is_del is null;
7
8 ALTER TABLE `biz_doctor_info` MODIFY COLUMN `is_del` int(1) NULL DEFAULT 0 COMMENT '删除标志'
9 ALTER TABLE `biz_living_record` MODIFY COLUMN `is_del` int(1) NULL DEFAULT 0 COMMENT '是否删除'
10 ALTER TABLE `doctordepartment` MODIFY COLUMN `isdel` int(11) NULL DEFAULT 0 COMMENT '是否删除'
11 ALTER TABLE `hospital` MODIFY COLUMN `isdel` int(11) NULL DEFAULT 0 COMMENT '是否删除'
12 ALTER TABLE `livebroadcast` MODIFY COLUMN `isdel` int(11) NULL DEFAULT 0 COMMENT '是否删除'
13 ALTER TABLE `rel_doctor_depart_hospital` MODIFY COLUMN `is_del` int(1) NULL DEFAULT 0 COMMENT '是否删除'
14 ALTER TABLE `usercollect` MODIFY COLUMN `vaildflag` int(11) NULL DEFAULT 0 COMMENT '是否删除'
15

```

## 推荐医生相关ES

### 推荐医生sql

```

1 SELECT
2     d.user_id as _id,
3     d.user_id as doctorId,
4     d.doctor_auth_type as doctorAuthType,
5     r.hospital_id AS hospitalId,
6     r.depart_id AS departId,
7     h.longitude AS longitude,
8     h.latitude AS latitude,
9     h.provincecode AS provinceId,
10    h.citycode AS cityId,
11    h.areacode AS areaId,
12    h.location as location,
13    l.watchNum AS watchNum,
14    d.is_del as disdel,
15    r.is_del as risdel,
16    h.isdel as hisdel,
17    l.isdel as lisdel
18 FROM

```

```
19 biz_doctor_info d
20 left outer join (select is_del, doctor_id,hospital_id,depart_id from rel_doctor_depar
21 left outer join (select isdel, longitude,latitude,provincecode,citycode,areacode,id,C
22 left outer join (SELECT isdel, doctorid , sum(reality_watch_num) AS watchNum from liv
```

## 推荐医生mapping

```
1 PUT /recommend_doctor_dev
2 {
3   "mappings": {
4     "properties": {
5       "doctorId": { "type": "long" },
6       "hospitalId": { "type": "long" },
7       "departId": { "type": "long" },
8       "provinceId": { "type": "keyword" },
9       "cityId": { "type": "keyword" },
10      "areaId": { "type": "keyword" },
11      "longitude": { "type": "keyword" },
12      "latitude": { "type": "keyword" },
13      "watchNum": { "type": "integer" },
14      "doctorAuthType": { "type": "integer" },
15      "disdel": { "type": "integer" },
16      "risdel": { "type": "integer" },
17      "hisdel": { "type": "integer" },
18      "lisdell": { "type": "integer" },
19      "location" : {
20        "type" : "geo_point"
21      }
22    }
23  },
24
25  "settings":{
26    "index":{
27      "number_of_shards": 5,
28      "number_of_replicas": 1
29    }
30  }
31 }
```

# 模板

## 有问诊记录

```
1 POST _scripts/recommend_doctor
2 {
3   "script": {
4     "lang": "mustache",
5     "source": {
6       "from": "{{from}}",
7       "size": "{{size}}",
8       "query": {
9         "bool": {
10          "should": [
11            {
12              "bool": {
13                "must": [
14                  {
15                    "term": {
16                      "hospitalId": "{{hospitalId01}}"
17                    }
18                  },
19                  {
20                    "term": {
21                      "departId": "{{departId01}}"
22                    }
23                  },
24                  {
25                    "term": {
26                      "disdel": 0
27                    }
28                  },
29                  {
30                    "term": {
31                      "risdel": 0
32                    }
33                  },
34                  {
35                    "term": {
36                      "hisdel": 0
```

```
37         }
38     },
39     {
40         "term": {
41             "lisdcl": 0
42         }
43     }
44 ]
45 }
46 },
47 {
48     "bool": {
49         "must": [
50             {
51                 "term": {
52                     "hospitalId": "{{hospitalId02}}"
53                 }
54             },
55             {
56                 "term": {
57                     "departId": "{{departId02}}"
58                 }
59             },
60             {
61                 "term": {
62                     "disdel": 0
63                 }
64             },
65             {
66                 "term": {
67                     "risdel": 0
68                 }
69             },
70             {
71                 "term": {
72                     "hisdel": 0
73                 }
74             },
75             {
76                 "term": {
```

```
77         "lisdell": 0
78     }
79 }
80 ]
81 }
82 }
83 ]
84 }
85 },
86 "sort": [
87     {
88         "watchNum": {
89             "order": "desc"
90         }
91     }
92 ]
93 }
94 }
95 }
```

## 省内

```
1 POST _scripts/recommend_doctor_inner
2 {
3     "script": {
4         "lang": "mustache",
5         "source": {
6             "from": "{{from}}",
7             "size": "{{size}}",
8             "query": {
9                 "bool": {
10                    "must": [
11                        {
12                            "term": {
13                                "provinceId": "{{provinceId}}"
14                            }
15                        },
16                        {
17                            "term": {
18                                "risdel": 0
```

```

19         }
20     },
21     {
22         "term": {
23             "hisdel": 0
24         }
25     },
26     {
27         "term": {
28             "lisdel": 0
29         }
30     }
31 ]
32 }
33 },
34 "sort": [
35     {
36         "_geo_distance": {
37             "location": {
38                 "lat": "{{lat}}",
39                 "lon": "{{lon}}"
40             },
41             "order": "asc",
42             "unit": "km",
43             "distance_type": "plane"
44         },
45         "watchNum": {
46             "order": "desc"
47         }
48     }
49 ]
50 }
51 }
52 }

```

## 省外

```

1 POST _scripts/recommend_doctor_outter
2 {
3     "script": {

```

```
4   "lang": "mustache",
5   "source": {
6     "from": "{{from}}",
7     "size": "{{size}}",
8     "query": {
9       "bool": {
10        "must_not": [
11          {
12            "term": {
13              "provinceId": "{{provinceId}}"
14            }
15          }
16        ],
17        "must": [
18          {
19            "term": {
20              "risdel": 0
21            }
22          },
23          {
24            "term": {
25              "hisdel": 0
26            }
27          },
28          {
29            "term": {
30              "lisdell": 0
31            }
32          }
33        ]
34      }
35    },
36    "sort": [
37      {
38        "_geo_distance": {
39          "location": {
40            "lat": "{{lat}}",
41            "lon": "{{lon}}"
42          },
43          "order": "asc",
```



```
44         "unit": "km",
45         "distance_type": "plane"
46     },
47     "watchNum": {
48         "order": "desc"
49     }
50 }
51 ]
52 }
53 }
54 }
```

## 推荐视频相关ES

### 推荐视频sql

```
1 SELECT
2     l.id AS _id,
3     l.id AS livingId,
4     l.doctorid AS doctorId,
5     l.status AS status,
6     l.starttime AS startTime,
7     l.endtime AS endTime,
8     l.type AS type,
9     l.ischeck AS isCheck,
10    l.title AS title,
11    l.videourl AS videoUrl,
12    l.imgurl AS imgUrl,
13    l.duration AS duration,
14    l.reality_watch_num AS realityWatchNum,
15    l.basic_watch_num AS basicWatchNum,
16    ( l.reality_watch_num + l.basic_watch_num ) AS watchNum,
17    r.hospital_id AS hospitalId,
18    r.depart_id AS departId,
19    h.longitude AS longitude,
20    h.latitude AS latitude,
21    h.provincecode AS provinceId,
22    h.citycode AS cityId,
23    h.areaocode AS areaId,
```

```
24 h.location AS location,
25 l.isdel AS lisdel,
26 r.risdel as risdel,
27 h.isdel as hisdel
28 FROM
29 livebroadcast as l
30 left outer join (select is_del as risdel, hospital_id, depart_id, doctor_id from rel
31 left outer join (select isdel,longitude,latitude,provincecode,citycode,areacode,CONC
```

## 推荐视频mapping

```
1 PUT /recommend_living_dev
2 {
3   "mappings": {
4     "properties": {
5       "areaId": {
6         "type": "keyword"
7       },
8       "basicWatchNum": {
9         "type": "integer"
10      },
11      "cityId": {
12        "type": "keyword"
13      },
14      "endTime": {
15        "type": "date"
16      },
17      "departId": {
18        "type": "long"
19      },
20      "doctorId": {
21        "type": "long"
22      },
23      "duration": {
24        "type": "keyword"
25      },
26      "hospitalId": {
27        "type": "long"
28      },
```

```
29     "imgUrl": {
30         "type": "keyword"
31     },
32     "latitude": {
33         "type": "keyword"
34     },
35     "livingId": {
36         "type": "long"
37     },
38     "location": {
39         "type": "geo_point"
40     },
41     "longitude": {
42         "type": "keyword"
43     },
44     "provinceId": {
45         "type": "keyword"
46     },
47     "realityWatchNum": {
48         "type": "integer"
49     },
50     "startTime": {
51         "type": "date"
52     },
53     "status": {
54         "type": "integer"
55     },
56     "title": {
57         "type": "text"
58     },
59     "type": {
60         "type": "integer"
61     },
62     "videoUrl": {
63         "type": "keyword"
64     },
65     "watchNum": {
66         "type": "integer"
67     },
68     "lisdell": {
```

```
69     "type": "integer"
70   },
71   "risdel": {
72     "type": "integer"
73   },
74   "hisdel": {
75     "type": "integer"
76   },
77   "isCheck": {
78     "type": "integer"
79   }
80 }
81 },
82 "settings": {
83   "index": {
84     "number_of_shards": 5,
85     "number_of_replicas": 1
86   }
87 }
88 }
89
90
91
```

## 模板

### 直播中有问诊记录模板

```
1 POST _scripts/recommend_living_mid
2 {
3   "script": {
4     "lang": "mustache",
5     "source": ""
6   }
7   "from": "{{from}}",
8   "size": "{{size}}",
9   "query": {
10    "bool": {
11      "should": [
12        {
```

```
13     "bool": {
14         "must": [
15             {#{title}}
16             {
17                 "match_phrase": {
18                     "title": "{{title}}"
19                 }
20             },
21             {{/title}}
22             {#{doctorId}}
23             {
24                 "term": {
25                     "doctorId": "{{doctorId}}"
26                 }
27             },
28             {{/doctorId}}
29             {
30                 "term": {
31                     "hospitalId": "{{hospitalId01}}"
32                 }
33             },
34             {
35                 "term": {
36                     "departId": "{{departId01}}"
37                 }
38             },
39             {
40                 "term": {
41                     "status": "{{status}}"
42                 }
43             },
44             {
45                 "term": {
46                     "lisdell": 0
47                 }
48             },
49             {
50                 "term": {
51                     "risdel": 0
52                 }
53             }
54         ]
55     }
56 }
```

```
53         },
54         {
55             "term": {
56                 "hisdel": 0
57             }
58         },
59         {
60             "term": {
61                 "isCheck": 1
62             }
63         },
64         {
65             "terms": {
66                 "type": {{#toJson}}type{/toJson}
67             }
68         }
69     ]
70 }
71 },
72 {
73     "bool": {
74         "must": [
75             {{#title}}
76             {
77                 "match_phrase": {
78                     "title": "{{title}}"
79                 }
80             },
81             {{/title}}
82             {{#doctorId}}
83             {
84                 "term": {
85                     "doctorId": "{{doctorId}}"
86                 }
87             },
88             {{/doctorId}}
89             {
90                 "term": {
91                     "hospitalId": "{{hospitalId02}}"
```

```
92         }
93     },
94     {
95         "term": {
96             "departId": "{{departId02}}"
97         }
98     },
99     {
100        "term": {
101            "status": "{{status}}"
102        }
103    },
104    {
105        "term": {
106            "lisdell": 0
107        }
108    },
109    {
110        "term": {
111            "risdel": 0
112        }
113    },
114    {
115        "term": {
116            "hisdel": 0
117        }
118    },
119    {
120        "term": {
121            "isCheck": 1
122        }
123    },
124    {
125        "terms": {
126            "type": {{#toJson}}type{/toJson}
127        }
128    }
129 ]
130 }
131 }
```

```
132     ]
133   }
134 },
135   "sort": [
136     {
137       "watchNum": {
138         "order": "desc"
139       }
140     }
141   ]
142 }
143 ""
144 }
145 }
146
147 GET _render/template
148 {
149   "id": "recommend_living_mid",
150   "params": {
151     "from": 0,
152     "size": 6,
153     "hospitalId01": 3,
154     "departId01": 39,
155     "hospitalId02": 17,
156     "departId02": 70,
157     "title": "123",
158     "doctorId": "123",
159     "status": 2,
160     "type": [1,2,3,4]
161   }
162 }
163
164 GET recommend_living_dev/_search/template
165 {
166   "id": "recommend_living_mid",
167   "params": {
168     "from": 0,
169     "size": 6,
170     "hospitalId01": 3,
```



```
171     "departId01": 39,  
172     "hospitalId02": 17,  
173     "departId02": 70,  
174     "title": "123",  
175     "doctorId": "123",  
176     "status": 2,  
177     "type": [1,2,3,4]  
178 }  
179 }  
180
```

## 直播中省内

```
1 POST _scripts/recommend_living_mid_inner  
2 {  
3   "script": {  
4     "lang": "mustache",  
5     "source": "" {  
6       "from": "{{from}}",  
7       "size": "{{size}}",  
8       "query": {  
9         "bool": {  
10          "must": [  
11            {#title}  
12            {  
13              "match_phrase": {  
14                "title": "{{title}}"  
15              }  
16            },  
17            {/title}  
18            {#doctorId}  
19            {  
20              "term": {  
21                "doctorId": "{{doctorId}}"  
22              }  
23            },  
24            {/doctorId}  
25            {  
26              "term": {  
27                "provinceId": "{{provinceId}}"
```

```
28     }
29     },
30     {
31         "term": {
32             "status": "{{status}}"
33         }
34     },
35     {
36         "term": {
37             "lisdcl": 0
38         }
39     },
40     {
41         "term": {
42             "risdel": 0
43         }
44     },
45     {
46         "term": {
47             "hisdel": 0
48         }
49     },
50     {
51         "term": {
52             "isCheck": 1
53         }
54     },
55     {
56         "terms": {
57             "type": {{#toJson}}type{/toJson}
58         }
59     }
60 ]
61 }
62 },
63 "sort": [
64     {
65         "_geo_distance": {
66             "location": {
67                 "lat": "{{lat}}",
```

```
68         "lon": "{{lon}}"
69     },
70     "order": "asc",
71     "unit": "km",
72     "distance_type": "plane"
73 },
74     "watchNum": {
75         "order": "desc"
76     }
77 }
78 ]
79 }""
80 }
81 }
82
83 GET _render/template
84 {
85     "id": "recommend_living_mid_inner",
86     "params": {
87         "from": 0,
88         "size": 10,
89         "provinceId": "110000",
90         "status": 1,
91         "type": [1, 2, 3, 4],
92         "lat": "39.92",
93         "lon": "116.46"
94     }
95 }
96
97 GET recommend_living_dev/_search/template
98 {
99     "id": "recommend_living_mid_inner",
100    "params": {
101        "from": 0,
102        "size": 10,
103        "provinceId": "110000",
104        "status": 1,
105        "type": [1, 2, 3, 4],
106        "lat": "39.92",
```

```
107     "lon": "116.46"
108   }
109 }
```

## 直播中省外

```
1 POST _scripts/recommend_living_mid_outter
2 {
3   "script": {
4     "lang": "mustache",
5     "source": ""{
6       "from": "{{from}}",
7       "size": "{{size}}",
8       "query": {
9         "bool": {
10          "must_not": [
11            {
12              "term": {
13                "provinceId": "{{provinceId}}"
14              }
15            }
16          ],
17          "must": [
18            {#title}
19            {
20              "match_phrase": {
21                "title": "{{title}}"
22              }
23            },
24            {/title}
25            {#doctorId}
26            {
27              "term": {
28                "doctorId": "{{doctorId}}"
29              }
30            },
31            {/doctorId}
32            {
33              "term": {
34                "status": "{{status}}"
```

```
35     }
36   },
37   {
38     "term": {
39       "lisdsl": 0
40     }
41   },
42   {
43     "term": {
44       "risdel": 0
45     }
46   },
47   {
48     "term": {
49       "hisdel": 0
50     }
51   },
52   {
53     "term": {
54       "isCheck": 1
55     }
56   },
57   {
58     "terms": {
59       "type": {{#toJson}}type{/toJson}}
60     }
61   }
62 ]
63 }
64 },
65 "sort": [
66   {
67     "_geo_distance": {
68       "location": {
69         "lat": "{{lat}}",
70         "lon": "{{lon}}"
71       },
72       "order": "asc",
73       "unit": "km",
74       "distance_type": "plane"
```

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/428074105033006052>