

JSF监控数据es 查询Query

工具

被wutao添加，被wutao最后更新于三月 16, 2016

- [Mapping](#)
- [接口方法调用次数](#)
- [接口调用次数按时间分组](#)
- [调用分布](#)
- [客户端耗时分布](#)
- [客户端耗时分布按调用方维度汇总](#)
- [网关调用次数top](#)
- [JSF 接口调用量](#)

Mapping

```
{
  "jsf-gw-monitor-data-performance": {
    "template": "jsf-gw-monitor-data-performance*",
    "settings": {
      "index": {
        "number_of_shards": "8",
        "number_of_replicas": "1"
      }
    },
    "mappings": {
      "performance": {
        "_source": {
          "enabled": false
        },
        "properties": {
          "d50_100": {
            "store": true,
            "type": "integer"
          },
          "noChannelError": {
            "store": true,
            "type": "integer"
          },
          "gwIp": {
            "index": "not_analyzed",
            "store": true,
            "type": "string"
          },
          "d300_500": {
            "store": true,
            "type": "integer"
          },
          "d100_d150": {
            "store": true,
            "type": "integer"
          },
          "interface": {
            "index": "not_analyzed",
            "store": true,
            "type": "string"
          },
          "remote": {
            "index": "not_analyzed",
            "store": true,
            "type": "string"
          },
          "callTimes": {
            "store": true,
            "type": "integer"
          },
          "elapsed": {
            "store": true,
            "type": "integer"
          },
          "d150_200": {
            "store": true,
            "type": "integer"
          },
          "appId": {
            "store": true,
            "type": "integer"
          },
          "host": {
            "index": "not_analyzed",
            "store": true,
            "type": "string"
          },
          "alias": {
            "index": "not_analyzed",
            "store": true,
            "type": "string"
          },
          "avgElapse": {
            "store": true,
            "type": "double"
          },
          "method": {
```

```

        "index": "not_analyzed",
        "store": true,
        "type": "string"
    },
    "d200_300": {
        "store": true,
        "type": "integer"
    },
    "outData": {
        "store": true,
        "type": "integer"
    },
    "failed": {
        "store": true,
        "type": "integer"
    },
    "d_1000": {
        "store": true,
        "type": "integer"
    },
    "writeBackElapse": {
        "store": true,
        "type": "integer"
    },
    "d500_1000": {
        "store": true,
        "type": "integer"
    },
    "inData": {
        "store": true,
        "type": "integer"
    },
    "d0_50": {
        "store": true,
        "type": "integer"
    },
    "time": {
        "format": "epoch_millis",
        "store": true,
        "type": "date"
    },
    "waitTime": {
        "store": true,
        "type": "integer"
    }
    }
}
},
"aliases": {},
"order": 0
},
"jsf-gw-monitor-data-exception": {
    "template": "jsf-gw-monitor-data-exception*",
    "settings": {
        "index": {
            "number_of_shards": "8",
            "number_of_replicas": "1"
        }
    },
    "mappings": {
        "exception": {
            "_source": {
                "enabled": false
            },
            "properties": {
                "method": {
                    "index": "not_analyzed",
                    "store": true,
                    "type": "string"
                },
                "gwIp": {
                    "index": "not_analyzed",
                    "store": true,
                    "type": "string"
                },
                "appId": {
                    "store": true,
                    "type": "integer"
                }
            }
        }
    }
}

```

```

    },
    "num": {
      "store": true,
      "type": "integer"
    },
    "host": {
      "index": "not_analyzed",
      "store": true,
      "type": "string"
    },
    "alias": {
      "index": "not_analyzed",
      "store": true,
      "type": "string"
    },
    "time": {
      "format": "epoch_millis",
      "store": true,
      "type": "date"
    },
    "interface": {
      "index": "not_analyzed",
      "store": true,
      "type": "string"
    },
    "remote": {
      "index": "not_analyzed",
      "store": true,
      "type": "string"
    },
    "exceptionName": {
      "index": "not_analyzed",
      "store": true,
      "type": "string"
    }
  }
},
"aliases": {},
"order": 0
},
"jsf-monitor-performance": {
  "template": "jsf-monitor-data-performance*",
  "settings": {
    "index": {
      "number_of_shards": "16",
      "number_of_replicas": "1"
    }
  },
  "mappings": {
    "performance": {
      "_source": {
        "enabled": false
      },
      "properties": {
        "method": {
          "index": "not_analyzed",
          "store": true,
          "type": "string"
        },
        "outData": {
          "store": true,
          "type": "integer"
        },
        "interface": {
          "index": "not_analyzed",
          "store": true,
          "type": "string"
        },
        "remote": {
          "index": "not_analyzed",
          "store": true,
          "type": "string"
        },
        "callTimes": {
          "store": true,
          "type": "integer"
        }
      }
    }
  }
}

```

```

    "elapsed": {
      "store": true,
      "type": "integer"
    },
    "protocol": {
      "index": "not_analyzed",
      "store": true,
      "type": "string"
    },
    "inData": {
      "store": true,
      "type": "integer"
    },
    "port": {
      "store": true,
      "type": "integer"
    },
    "appId": {
      "store": true,
      "type": "integer"
    },
    "host": {
      "index": "not_analyzed",
      "store": true,
      "type": "string"
    },
    "alias": {
      "index": "not_analyzed",
      "store": true,
      "type": "string"
    },
    "time": {
      "format": "epoch_millis",
      "store": true,
      "type": "date"
    }
  }
}
},
"aliases": {},
"order": 0
},
"jsf-monitor-data-elapsed": {
  "template": "jsf-monitor-data-elapsed*",
  "settings": {
    "index": {
      "number_of_shards": "16",
      "number_of_replicas": "1"
    }
  },
  "mappings": {
    "elapsed": {
      "_source": {
        "enabled": false
      },
      "properties": {
        "m0": {
          "store": true,
          "type": "integer"
        },
        "method": {
          "index": "not_analyzed",
          "store": true,
          "type": "string"
        },
        "m1": {
          "store": true,
          "type": "integer"
        },
        "metricsId": {
          "store": true,
          "type": "integer"
        },
        "m2": {
          "store": true,
          "type": "integer"
        },
        "m3": {

```

```

        "store": true,
        "type": "integer"
    },
    "m4": {
        "store": true,
        "type": "integer"
    },
    "host": {
        "index": "not_analyzed",
        "store": true,
        "type": "string"
    },
    "m5": {
        "store": true,
        "type": "integer"
    },
    "time": {
        "format": "epoch_millis",
        "store": true,
        "type": "date"
    },
    "interface": {
        "index": "not_analyzed",
        "store": true,
        "type": "string"
    },
    "remote": {
        "index": "not_analyzed",
        "store": true,
        "type": "string"
    }
    }
}
},
"aliases": {},
"order": 0
},
"jsf-monitor-data-exception": {
    "template": "jsf-monitor-data-exception*",
    "settings": {
        "index": {
            "number_of_shards": "16",
            "number_of_replicas": "1"
        }
    },
    "mappings": {
        "exception": {
            "_source": {
                "enabled": false
            },
            "properties": {
                "method": {
                    "index": "not_analyzed",
                    "store": true,
                    "type": "string"
                },
                "port": {
                    "store": true,
                    "type": "integer"
                },
                "num": {
                    "store": true,
                    "type": "integer"
                },
                "host": {
                    "index": "not_analyzed",
                    "store": true,
                    "type": "string"
                },
                "time": {
                    "format": "epoch_millis",
                    "store": true,
                    "type": "date"
                },
                "interface": {
                    "index": "not_analyzed",
                    "store": true,
                    "type": "string"
                }
            }
        }
    }
}

```

```

    },
    "exceptionName": {
      "index": "not_analyzed",
      "store": true,
      "type": "string"
    }
  }
},
"aliases": {},
"order": 0
},
"jsf-monitor-data-status": {
  "template": "jsf-monitor-data-status*",
  "settings": {
    "index": {
      "number_of_shards": "16",
      "number_of_replicas": "1"
    }
  },
  "mappings": {
    "status": {
      "_source": {
        "enabled": false
      },
      "properties": {
        "port": {
          "store": true,
          "type": "integer"
        },
        "num": {
          "store": true,
          "type": "integer"
        },
        "host": {
          "index": "not_analyzed",
          "store": true,
          "type": "string"
        },
        "time": {
          "format": "epoch_millis",
          "store": true,
          "type": "date"
        },
        "interface": {
          "index": "not_analyzed",
          "store": true,
          "type": "string"
        },
        "remote": {
          "index": "not_analyzed",
          "store": true,
          "type": "string"
        },
        "exceptionName": {
          "index": "not_analyzed",
          "store": true,
          "type": "string"
        }
      }
    }
  },
  "aliases": {},
  "order": 0
}
}

```

接口方法调用次数

POST jsf-monitor-data-performance-2015-12-07/performance/_search?
search_type=count&routing=com.jd.gms.crs.service.ProductService

```
{
  "query": {
    "filtered": {
      "filter": {
        "bool": {
          "must": [
            {
              "term": {
                "interface": "com.jd.gms.crs.service.ProductService" //这个条件最好加上
              }
            },
            {
              "term": {
                "method": "queryProductBase"
              }
            },
            {
              "range": {
                "time": {
                  "gte": 1449463484320,
                  "lte": 1449467084320
                }
              }
            }
          ]
        }
      }
    },
    "aggs": {
      "calltimes": {
        "terms": {
          "field": "interface"
        },
        "aggs": {
          "sum_calltimes": {
            "sum": {
              "field": "callTimes"
            }
          }
        }
      }
    }
  }
}
```

接口调用次数按时间分组

POST jsf-monitor-data-performance-2015-12-07/performance/_search?
search_type=count&routing=com.jd.gms.crs.service.ProductService


```
{
  "query": {
    "filtered": {
      "filter": {
        "bool": {
          "must": [
            {
              "term": {
                "method": "queryProductBase"
              }
            },
            {
              "range": {
                "time": {
                  "gte": 1449463484320,
                  "lte": 1449467084320
                }
              }
            }
          ]
        }
      }
    },
    "aggs": {
      "calltimes": {
        "date_histogram": {
          "field": "time",
          "interval": "2m",
          "order": {
            "_key": "asc"
          }
        }
      },
      "aggs": {
        "sum_calltimes": {
          "sum": {
            "field": "callTimes"
          }
        }
      }
    }
  }
}
```

调用分布

jsf-monitor-data-performance-2015-12-07/performance/_search?search_type=count&routing=com.jd.gms.crs.service.ProductService

```
{
  "query": {
    "filtered": {
      "filter": {
        "bool": {
          "must": [
            {
              "term": {
                "method": "queryProductBase"
              }
            },
            {
              "range": {
                "time": {
                  "gte": 1449463484320,
                  "lte": 1449467084320
                }
              }
            }
          ]
        }
      }
    },
    "aggs": {
      "host": {
        "terms": {
          "field": "host",
          "size": 0,
          "order": {
            "sum_calltimes": "desc"
          }
        }
      },
      "aggs": {
        "sum_calltimes": {
          "sum": {
            "field": "callTimes"
          }
        }
      }
    }
  }
}
```

客户端耗时分布

jsf-monitor-data-elapsed-2015-12-07/elapsed/_search?routing=com.jd.gms.crs.service.ProductService

```
{
  "query": {
    "filtered": {
      "filter": {
        "bool": {
          "must": [
            {
              "term": {
                "method": "queryProductBase"
              }
            },
            {
              "term": {
                "host": "10.191.2.120"
              }
            },
            {
              "term": {
                "remote": "172.16.103.202"
              }
            }
          ]
        }
      }
    }
  },
  "fields": [
    "m0",
    "m1",
    "m2",
    "m3",
    "m4",
    "host",
    "m5",
    "time",
    "remote"
  ]
}
```

客户端耗时分布按调用方维度汇总

jsf-monitor-data-elapsed-2015-12-07/elapsed/_search?search_type=count&routing=com.jd.gms.crs.service.ProductService

```
{
  "query": {
    "filtered": {
      "filter": {
        "bool": {
          "must": [
            {
              "term": {
                "method": "queryProductBase"
              }
            },
            {
              "range": {
                "time": {
                  "gte": 1449463484320,
                  "lte": 1449467084320
                }
              }
            }
          ]
        }
      }
    },
    "aggs": {
      "remote-elapsed": {
        "terms": {
          "field": "remote",
          "size": 0
        },
        "aggs": {
          "m0_sum": {
            "sum": {
              "field": "m0"
            }
          },
          "m1_sum": {
            "sum": {
              "field": "m1"
            }
          },
          "m2_sum": {
            "sum": {
              "field": "m2"
            }
          },
          "m3_sum": {
            "sum": {
              "field": "m3"
            }
          },
          "m4_sum": {
            "sum": {
              "field": "m4"
            }
          },
          "m5_sum": {
            "sum": {
              "field": "m5"
            }
          }
        }
      }
    }
  }
}
```

网关调用次数top

jsf-gw-monitor-data-performance-2016-01-05/performance/_search?search_type=count

```
{
  "query": {
    "filtered": {
      "filter": {
        "bool": {
          "must": [
            {
              "range": {
                "time": {
                  "gte": 1451923211139,
                  "lte": null
                }
              }
            }
          ]
        }
      }
    },
    "aggs": {
      "date_calltimes": {
        "date_histogram": {
          "field": "time",
          "interval": "1m",
          "order": {
            "_key": "asc"
          }
        }
      },
      "aggs": {
        "calltimes": {
          "terms": {
            "field": "interface",
            "order": {
              "sum_calltimes": "desc"
            }
          }
        },
        "aggs": {
          "sum_calltimes": {
            "sum": {
              "field": "callTimes"
            }
          }
        }
      }
    }
  }
}
```

app调用网关某个节点top

```
{
  "query": {
    "filtered": {
      "filter": {
        "bool": {
          "must": [
            {
              "range": {
                "time": {
                  "gte": null,
                  "lte": null
                }
              }
            }
          ]
        }
      }
    },
    "aggs": {
      "gwIp": {
        "terms": {
          "field": "gwIp"
        },
        "aggs": {
          "appId": {
            "terms": {
              "field": "appId",
              "order": {
                "sum_calltimes": "desc"
              }
            },
            "aggs": {
              "sum_calltimes": {
                "sum": {
                  "field": "callTimes"
                }
              }
            }
          }
        }
      }
    }
  }
}
```

JSF 接口调用量

jsf-monitor-data-performance-2016-01-14/performance/_search?search_type=count

```
{
  "query": {
    "filtered": {
      "filter": {
        "bool": {
          "must": [
            {
              "range": {
                "time": {
                  "gte": null,
                  "lte": null
                }
              }
            }
          ]
        }
      }
    }
  },
  "aggs": {
    "calltimes": {
      "terms": {
        "field": "interface",
        "size": 0
      },
      "aggs": {
        "method": {
          "terms": {
            "field": "method"
          },
          "aggs": {
            "sum_calltimes": {
              "sum": {
                "field": "callTimes"
              }
            }
          }
        }
      }
    }
  }
}
```

无
