

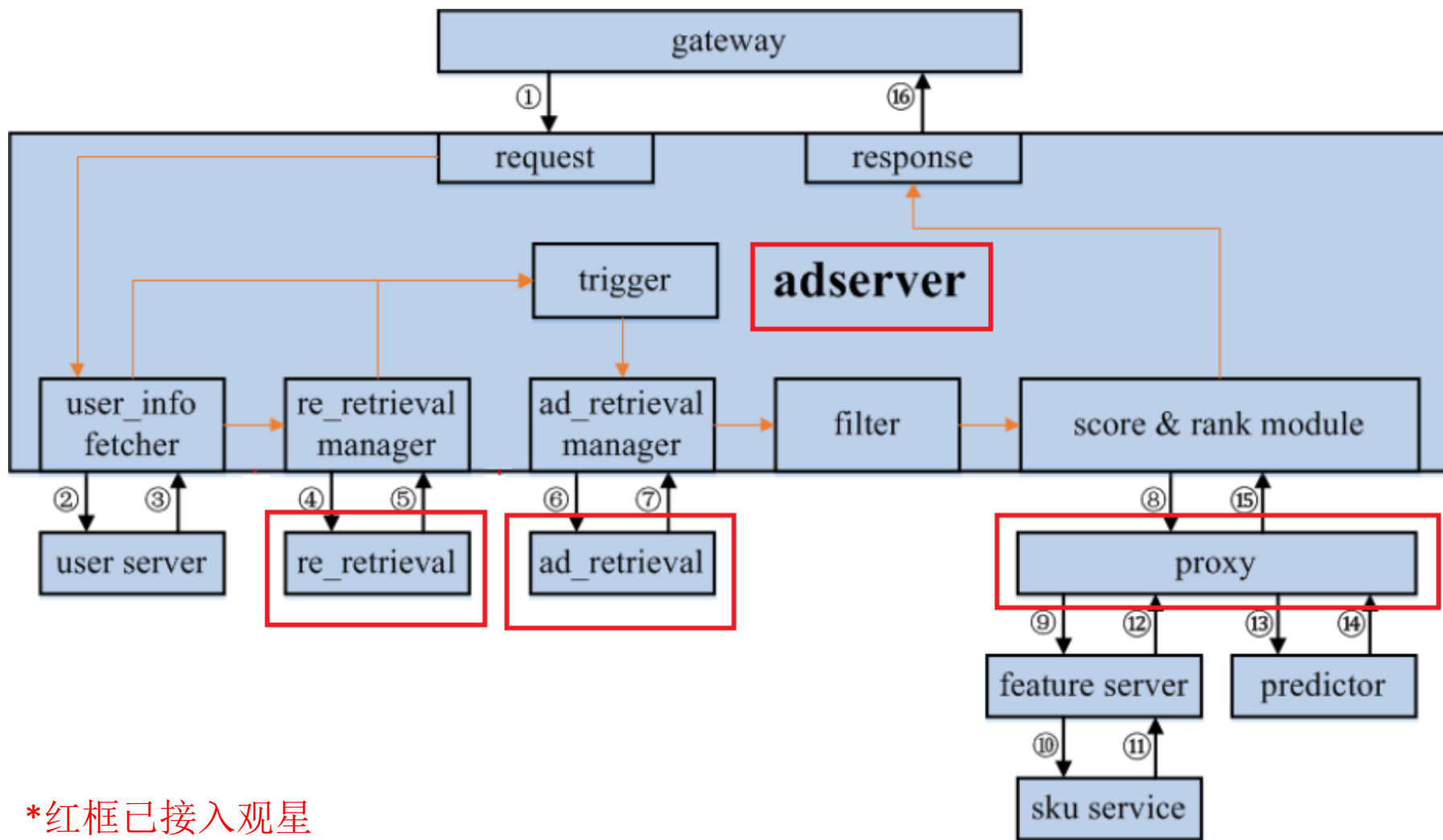
# 观星系统

广告质量部-算法效率提升组- 王笏颐



- 背景
- 系统功能
- 系统架构
- 系统接入

## • 广告系统



\*红框已接入观星

## • 观星查询样例

(\*新版本支持广告位)

2018-12-26 19:50:03(可乐将军)[1207] — sid

ad\_server\_360buy — adserver

adserver\_Z

recommend\_retrieval — re\_retrieval

re\_debug

rpc\_proxy\_server — proxy

adRequest\_10.180.37.28\_60604 } keys

proxyInfo\_10.180.37.28\_60604

2018-12-26 19:50:01(可乐将军)[3752]

2018-12-26 19:50:01(可乐将军)[3639]

2018-12-26 19:50:01(可乐将军)

2018-12-26 19:50:01(可乐将军)

2018-12-26 19:50:01(可乐将军)

2018-12-26 19:49:59(可乐将军)[1207]

2018-12-26 19:49:59(可乐将军)[3751]

2018-12-26 19:49:59(可乐将军)[3751]

2018-12-26 19:49:59(可乐将军)[1207]

2018-12-26 19:49:58(可乐将军)[3751]

2018-12-26 19:49:58(可乐将军)[1207]

2018-12-26 19:49:56(可乐将军)[1207]

2018-12-26 19:49:50(可乐将军)[3752]

userpin, 请求时间, 流量平台, 广告位信息

请求信息: 用户PIN: 可乐将军, SID: b58767ee-42c8-4d96-af8a-210c07e1d68a, 请求时间: 2018-12-26 19:50:03, flow\_tag: tzj, pos\_id: 1207, main\_sku\_cid1: -1, main\_sku\_cid2: -1, main\_sku\_cid3: -1, main\_sku\_id: -1, site: 0

```
[{
  "000_request": {
    "user_pin": "可乐将军",
    "user_id": 0,
    "sid": "b58767ee-42c8-4d96-af8a-210c07e1d68a",
    "site": 0,
    "pos_id": "1207",
```

请求信息

value-数据快照

用户浏览信息

```
    "browse_sku_id": "13935560404:20181222-22:58:56,35141896376:20181222-22:58:41,10147812239:20181212-22:40:13,16603299175:20181212-13:48:57,16791940139:20181212-13:39:38,16604080902:20181212-13:37:26,4534005:20181212-11:14:56,4752142:20181212-11:14:55,2149293:20181212-10:24:25,2149283:20181212-10:21:45,100000287113:20181211-18:11:42,1650089243:20181211-18:11:03,2505312:20181211-18:10:50,100000863175:20181208-11:29:00,5363894:20181208-11:26:35,7553198:20181206-22:02:28,943411:20181127-16:25:58,3694914:20181127-15:23:36,25279393690:20181127-15:18:28,7828805:20181127-15:17:57,4765058:20181127-15:17:37,2505466:20181127-15:17:33,3308000:20181127-15:17:21,4330548:20181127-
```

```
  "003_MiningQuery2Item": {
    "000_kQueryTypeMobile": "",
    "000_kQueryTypePc": "11201869781956695164,17175769842891683223,9044072143898751777,17700530695778136905,9204040671408994800,7044149744494348245,6573877308632762216,5220885665449832288,14090201415075091393,16618918889304477971,13605007907070997811,2446060113203171108,15733915922739483281,17683049494419721195,7919830615059710313,1411180886541110243,16579715201052042519,4531778775477167732,6386714787759300709,15478873285699652193,9148073960023360976,5543739643216338681,1570
```

触发分支

- 背景
- 系统功能
- 系统架构
- 系统接入

## • 数据查询

- 时间范围(+Userpin) 查询
- Sid查询
- 高级搜索：广告位，流量平台



The screenshot displays the 观星 (Guān Xīng) system interface, which includes a top navigation bar with options like 统计报表 (Statistics Report), Debug中心 (Debug Center), 实时监控 (Real-time Monitoring), and 系统管理 (System Management). The main search area contains several input fields and buttons:

- 日期 (Date):** 2018-10-03 00:00 To 2018-10-26 00:00
- USER\_PIN:** 今晚打老虎
- SID:** (Empty field)
- 广告位 (Ad Position):** 可填多个,逗号分隔
- 流量平台 (Traffic Platform):** 可填多个,逗号分隔

Buttons for 搜索 (Search) and 高级 (Advanced) are present. A dropdown menu for 收藏夹 (Favorites) is also visible, with options: 添加到收藏夹 (Add to Favorites), 展示收藏夹 (Show Favorites), 隐藏收藏夹 (Hide Favorites), and 删除收藏夹 (Delete Favorites).

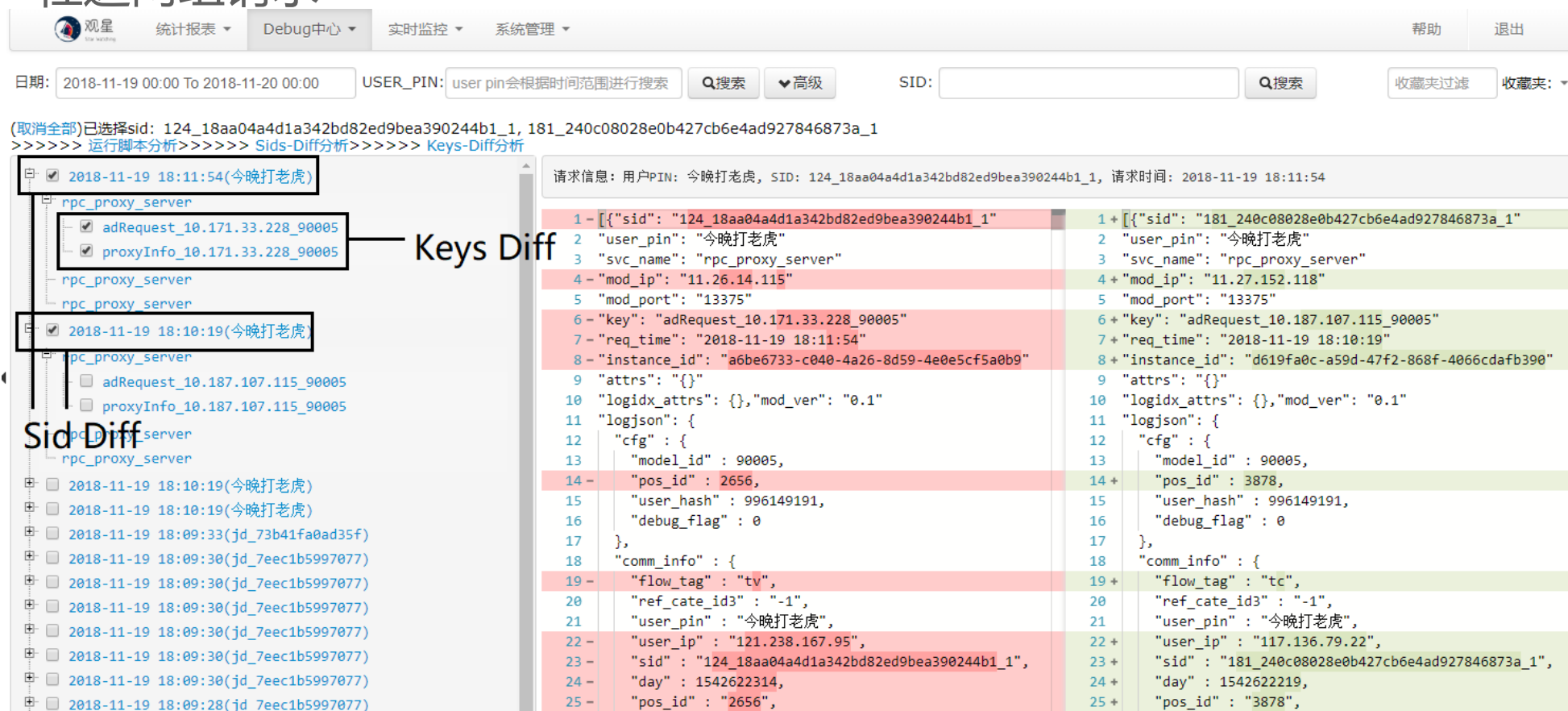
The interface shows a list of logs on the left, with a selected log entry for 2018-10-25 10:34:41 (今晚打老虎). The log details on the right show a request for information: 请求信息: 用户PIN: 今晚打老虎, SID: test-1503850625-1790357253-1357878909-1680771681, 请求时间: 2018-10-25 10:34:41. The log content includes a "PurchasedFilter" object with various attributes like "ad\_sku\_id", "ad\_spu\_id", "b1c\_ids", "cid3", "filter", "pos\_id", "product\_name", and "product\_words".

Annotations on the screenshot highlight specific features:

- 时间范围查询** (Time Range Query): Points to the date input field.
- userpin+时间范围查询** (Userpin + Time Range Query): Points to the USER\_PIN input field.
- 高级搜索: 根据广告位、流量平台过滤** (Advanced Search: Filter by Ad Position, Traffic Platform): Points to the ad position and traffic platform input fields.
- sid查询** (SID Query): Points to the SID input field.
- 收藏某个sid对应log** (Favorite a log corresponding to a specific SID): Points to the Favorites dropdown menu.

## • Data Diff

- Key-Value Diff - 任选两个key
- Sid Diff - 任选两组请求



观星 统计报表 Debug中心 实时监控 系统管理 帮助 退出

日期: 2018-11-19 00:00 To 2018-11-20 00:00 USER\_PIN: user pin会根据时间范围进行搜索 搜索 高级 SID: 搜索 收藏夹过滤 收藏夹: ▾

(取消全部) 已选择sid: 124\_18aa04a4d1a342bd82ed9bea390244b1\_1, 181\_240c08028e0b427cb6e4ad927846873a\_1  
>>>>> 运行脚本分析 >>>>> Sids-Diff分析 >>>>> Keys-Diff分析

请求信息: 用户PIN: 今晚打老虎, SID: 124\_18aa04a4d1a342bd82ed9bea390244b1\_1, 请求时间: 2018-11-19 18:11:54

**Keys Diff**

Left (Selected)	Right (Reference)
1 [{"sid": "124_18aa04a4d1a342bd82ed9bea390244b1_1"	1 [{"sid": "181_240c08028e0b427cb6e4ad927846873a_1"
2 "user_pin": "今晚打老虎"	2 "user_pin": "今晚打老虎"
3 "svc_name": "rpc_proxy_server"	3 "svc_name": "rpc_proxy_server"
4 - "mod_ip": "11.26.14.115"	4 + "mod_ip": "11.27.152.118"
5 "mod_port": "13375"	5 "mod_port": "13375"
6 - "key": "adRequest_10.171.33.228_90005"	6 + "key": "adRequest_10.187.107.115_90005"
7 - "req_time": "2018-11-19 18:11:54"	7 + "req_time": "2018-11-19 18:10:19"
8 - "instance_id": "a6be6733-c040-4a26-8d59-4e0e5cf5a0b9"	8 + "instance_id": "d619fa0c-a59d-47f2-868f-4066cdafb390"
9 "attrs": "{}"	9 "attrs": "{}"
10 "logidx_attrs": {}, "mod_ver": "0.1"	10 "logidx_attrs": {}, "mod_ver": "0.1"
11 "logjson": {	11 "logjson": {
12 "cfg": {	12 "cfg": {
13 "model_id": 90005,	13 "model_id": 90005,
14 - "pos_id": 2656,	14 + "pos_id": 3878,
15 "user_hash": 996149191,	15 "user_hash": 996149191,
16 "debug_flag": 0	16 "debug_flag": 0
17 },	17 },
18 "comm_info": {	18 "comm_info": {
19 - "flow_tag": "tv",	19 + "flow_tag": "tc",
20 "ref_cate_id3": "-1",	20 "ref_cate_id3": "-1",
21 "user_pin": "今晚打老虎",	21 "user_pin": "今晚打老虎",
22 - "user_ip": "121.238.167.95",	22 + "user_ip": "117.136.79.22",
23 - "sid": "124_18aa04a4d1a342bd82ed9bea390244b1_1",	23 + "sid": "181_240c08028e0b427cb6e4ad927846873a_1",
24 - "day": 1542622314,	24 + "day": 1542622219,
25 - "pos_id": "2656",	25 + "pos_id": "3878",

**Sid Diff**

2018-11-19 18:11:54(今晚打老虎)

rpc\_proxy\_server

adRequest\_10.171.33.228\_90005

proxyInfo\_10.171.33.228\_90005

2018-11-19 18:10:19(今晚打老虎)

rpc\_proxy\_server

adRequest\_10.187.107.115\_90005

proxyInfo\_10.187.107.115\_90005

2018-11-19 18:10:19(今晚打老虎)

2018-11-19 18:10:19(今晚打老虎)

2018-11-19 18:09:33(jd\_73b41fa0ad35f)

2018-11-19 18:09:30(jd\_7eec1b5997077)

2018-11-19 18:09:30(jd\_7eec1b5997077)

2018-11-19 18:09:30(jd\_7eec1b5997077)

2018-11-19 18:09:30(jd\_7eec1b5997077)

2018-11-19 18:09:30(jd\_7eec1b5997077)

2018-11-19 18:09:30(jd\_7eec1b5997077)

2018-11-19 18:09:28(jd\_7eec1b5997077)


## • 数据查询-SKU可视化

2018-12-26 19:50:03(可乐将军)[1207]


请求信息: 用户PIN: 可乐将军, SID: b58767ee-42c8-4d96-af8a-210c07e1d68a, 请求时间: 2018-12-26 19:50:03, flow\_tag: tzj, pos\_id: 1207, main\_sku\_cid1: -1, main\_sku\_cid2: -1, main\_sku\_cid3: -1,

查询结果


Sku数量:18




京东生鲜 特级瑶溪蜜柚 鸳鸯柚子 2粒 1红1白 2.5-3kg 简致礼盒 新鲜水果  
skuid: 3694914  
顺序: 20181127-15:23:36  
行为: 未知




怡泉 Schveppes 调酒汽水无糖 零卡 苏打水 330ml\*24罐 整箱 装 可口可乐出品 新老包装随机发 货  
skuid: 943411  
顺序: 20181127-16:25:58  
行为: 未知




海尔 (Haier) 第四代高温蒸汽 除螨 纤维级蒸汽防皱烘干 9KG洗 烘一体变频滚筒洗衣机 XQG90- 14HB30SU1JD  
skuid: 7553198  
顺序: 20181206-22:02:28  
行为: 未知




联想(Lenovo)小新潮7000 13.3 英寸超薄窄边框笔记本电脑(15- 8250U 8G 256G SSD MX150 正版Office)花火银  
skuid: 5363894  
顺序: 20181208-11:26:35  
行为: 未知




联想(Lenovo)小新潮7000 13.3 英寸超薄窄边框笔记本电脑(15- 8250U 8G 256G SSD MX150 正版Office)花火银  
skuid: 5363894  
顺序: 20181208-11:26:35  
行为: 未知



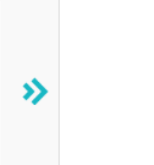
京东生鲜 特级瑶溪蜜柚 鸳鸯柚子 2粒 1红1白 2.5-3kg 简致礼盒 新鲜水果  
skuid: 3694914  
顺序: 20181127-15:23:36  
行为: 未知



怡泉 Schveppes 调酒汽水无糖 零卡 苏打水 330ml\*24罐 整箱 装 可口可乐出品 新老包装随机发 货  
skuid: 943411  
顺序: 20181127-16:25:58  
行为: 未知



海尔 (Haier) 第四代高温蒸汽 除螨 纤维级蒸汽防皱烘干 9KG洗 烘一体变频滚筒洗衣机 XQG90- 14HB30SU1JD  
skuid: 7553198  
顺序: 20181206-22:02:28  
行为: 未知



联想(Lenovo)小新潮7000 13.3 英寸超薄窄边框笔记本电脑(15- 8250U 8G 256G SSD MX150 正版Office)花火银  
skuid: 5363894  
顺序: 20181208-11:26:35  
行为: 未知

22:40:13,16603299175:20181212-13:48:57,16791940139:20181212-13:39:38,16604080902:20181212-10:21:45,100000287113:20181211-18:11:42,1650089243:20181211-18:11:03,25053943411:20181127-16:25:58,3694914:20181127-15:23:36,25279393690:20181127-15:18:28,74330548:20181127-15:17:19,3398876:20181127-15:17:15,15026610680:20181127-15:16:30,117:50,6321308:20181127-13:02:47,6606900:20181127-13:02:09,29638142736:20181127-13:81127-12:58:58,8023350:20181127-12:58:41,100000393588:20181127-12:58:29,3869491:2019:20181127-10:47:44,24271284745:20181127-10:36:12,31939505580:20181127-08:36:58,26618:08:13,5626412:20181125-18:08:08,4231424:20181125-17:35:30,6012148:20181125-17:125-12:52:21,5976611:20181125-12:45:23,1502321:20181125-12:45:19,"  
  
20181111-18:24:59,848855:20181027-18:08:57,854222:20181109-15:23:42,879386:201810278:08:57,1298260:20181027-18:08:57,1382094:20181027-18:08:57,1511345:20181027-18:08:45,2177610:20181105-00:56:42,2742878:20181027-18:08:57,3055162:20181027-18:08:57,3399473:20181027-18:08:57,3464574:20181027-18:08:57,3543500:20181027-18:08:57,36499211:20181027-18:08:57,4534005:20181212-11:15:47,4553999:20181027-18:08:57,4765058:20181027-18:08:57,6076895:20181027-18:08:57,7892099:20181027-18:08:57,8023350:2018147812239:20181212-22:43:05,10659802709:20181027-18:08:57,11882002069:20181027-18:044:20181001-00:13:30,22852693445:20181027-18:08:57,30810123521:20181028-13:22:16,34928,9209574163393465,2055627932750489765,"  
  
"001\_ConstructWeightedSku": "100000822981,100000982034,33743197985,34656638511,34562818048,34594345130,34562559899,34623571187,100000822969,31931837376,34593406802,34641453792,34594273604,34641970467,28204059979,34639075884,4155894,8141909,2269354,3290993,3290987,692918,1337248,1748084,3633865,911672,2136538,1192014,4543877,4462467,2150706,2177610,1552422,2149293,2149283,10792941724,4599117,8251625,4599131,2410764,18732599441,33250560223,5635537,27366615442,8251629,1739089,4113041,3068217,4765192,2635437,3398876,3398908,100000764550,3169734,2340462,3398918,100000764568,4366162,5194030,2505312,4712877,31204375130,37514107116,25582179392,29250569498,28098964330,1802477952,8738697,1006825,32344776565,5104220,5327281,5407923,5724169,924721,5345138,6149413,24813151110,3417623,"  
  
"002\_Mining\_result": "100000822981<<6920125632681748496,2149293<<5193228695177434928,2149283<<5193228695177434928,1739089<<9209574163393465,100000982034<<6920125632681748496<<15047452119549600934 8141909<<15047452119549600934 33743197985<<6920125632681748496 2769354<<15047452119549600934 4113041<<9209574163393465 3398876<<15047452119549600934 3398908<<15047452119549600934 3169734<<15047452119549600934 2340462<<15047452119549600934 5194030<<15047452119549600934 2505312<<15047452119549600934 4712877<<15047452119549600934 31204375130<<15047452119549600934 37514107116<<15047452119549600934 25582179392<<15047452119549600934 29250569498<<15047452119549600934 28098964330<<15047452119549600934 1802477952<<15047452119549600934 8738697<<15047452119549600934 1006825<<15047452119549600934 32344776565<<15047452119549600934 5104220<<15047452119549600934 5327281<<15047452119549600934 5407923<<15047452119549600934 5724169<<15047452119549600934 924721<<15047452119549600934 5345138<<15047452119549600934 6149413<<15047452119549600934 24813151110<<15047452119549600934 3417623<<15047452119549600934  
  
返回顶部

2018/12/28

8



- 入口 (searchdata)

- Sid (可选2条)

- 脚本分析

- 脚本分析
  - 脚本管理
  - 脚本用户组管理



- 公共脚本
- 小组脚本(组内成员可见)
- 个人脚本



- 脚本 API

- import pyjdbg – 封装 sid及log数据结构, 提供获取数据接口
- import skuInfoClient – 封装sku info数据结构, 提供根据skuid解析接口
- 综合示例: 根据cid过滤Mining-sku信息.py

## • 脚本 API – pyjdbg – 封装类型

```
SidInfo.Functions:      class SidInfo - (sid, user_pin, req_time, svc_list)
...getSid() ...--获取sid.str (return.str)
...getUserpin() ...--获取user_pin (return.str)
...getRequestTime() ...--获取request.time (return.str)
...getServerList() ...--获取sid的server.list列表 (return.list)
...printInfo() ...--打印Sid详细信息: sid, user_pin, request.time, server.list.

ServerInfo.Functions:   class ServerInfo - (name, ip, port, instance_id, attrs, mod_ver, kvdict)
...getName() ...--获取server的.name (return.str)
...getIpport() ...--获取server的.ip:port (return.str)
...getAttrs() ...--获取server的.attributes (return.str)
...getInstanceId() ...--获取server的.instance_id (return.str)
...getModversion() ...--获取server的.mod_ver (return.str)
...getKVDict() ...--获取server的.kv字典 (return.dict)
...getKeys() ...--获取server的.keys... (return.list)
...getValue(key) ...--获取server对应key的.value (return.json)
...printInfo() ...--打印Server详细信息: name, ip:port, instance_id, mod_version, kv.dict.
```

## • 脚本 API – pyjdbg – 对外方法

pyjdbg -- 引用模块名称

pyjdbg.getSidinfoList() -- 获取 sidinfo.list (return list)

pyjdbg.getParamList() -- 获取 选择keys值对应的 list (return list)

pyjdbg.getFirstSid() -- 获取 first.sid 对应的 SidInfo 对象 (return SidInfo.obj)

pyjdbg.getDiffSid() -- 获取 diff.sid 对应的 SidInfo 对象 (return SidInfo.obj or None)

pyjdbg.printAllSidInfo() -- 打印 First 和 Diff SID log 详细信息

pyjdbg.getAllKVDict() -- 获取 ((sid, server\_name\_index, key), value) 对应的字典 (return dict)

pyjdbg.getValue(sid, server\_index, key) -- 获取 (sid + server\_index + key) 对应的 value 字符串 (return json)

```
1  for i, sidinfo in enumerate(pyjdbg.getSidinfoList()):
2      print('>>>>>>>>sid[%d]' % i)
3      print('[sid] %s' % (sidinfo.getSid()))
4      print('[user_pin] %s' % (sidinfo.getUserpin()))
5      print('[req_time] %s' % (sidinfo.getRequestTime()))
6
7      print('>>>>>>>>serverlist detail')
8      for j, svc in enumerate(sidinfo.getServerList()):
9          print('[%d - server_name] %s [%s]' % (j, svc.getName(), svc.getIpport()))
10         print('[%d - server_keys] %s' % (j, svc.getKeys()))
11         i = i+1
12     print
```

示例：打印sid及内部server信息.py

## • 脚本 API – skuInfoClient – 封装类型

```
skuInfoClient -- 引用模块名称
skuInfoClient.getSkuInfoList(skuids) -- 获取skuid.list对应的.skuInfo.obj.list.(return.list)

SkuInfo.Functions:      class SkuInfo - (sku_id, sku_name, sku_cid1, sku_price)
...getSkuid() ... -- 获取sku_id.(return.str)
...getSkuName() ... -- 获取sku_name.(return.str)
...getSkucid1() ... -- 获取sku_cid1.(return.str)
...getSkuPrice() ... -- 获取sku_price.(return.str)
...printInfo() ... -- 打印SkuInfo.详细信息:.sku_id, .sku_name, .sku_cid1.time, .sku_price.
```

## • 根据cid过滤sku信息.py

```
27 if __name__ == "__main__":
28     ##获取sidinfo obj
29     first_sid = pyjdbg.getSidinfoList()[0]
30     first_sid.printInfo()
31     ##获取指定value
32     key_json = getDebugValue(first_sid)
33     ##分析sku list
34     cid='9987' #手机cid1 cid3='655'
35     doSkuAnalyse(key_json, cid)
36
```

```
1 def getDebugValue(sidinfo):
2     for svc in sidinfo.getServerList():
3         if 'recommend_retrieval' == svc.getName():
4             skustr = svc.getValue('re_debug')
5             break
6     else:
7         raise Exception('recommend_retrieval svc is not found, please check.')
8     return skustr
9
10 def filterAndPrint(flag,skulist,cid):
11     print("\n"+flag)
12     for sku in skulist:
13         if(sku.getSkucid1()==cid):
```

```
run_return_code=0
sid : test-870667565-1114056511-1984412894-1933881561, user_pin : 可乐将军, req_time : 2018-12-27 11:21:41
sid server list:
=> [0] ad_server_360buy
=> [1] recommend_retrieval
=> [2] rpc_proxy_server
```

====>003\_MiningQuery2Item

```
sku_id : 100000822981, sku_name : 华为 HUAWEI Mate 20 麒麟980AI智能芯片全面屏超微距影像超大广角徕卡三摄6GB+128GB亮黑色全网通版双4G手机,
sku_cid1 : 9987, sku_price(RMB) : 4499.0
sku_id : 100000982034, sku_name : 华为 HUAWEI Mate 20 X 麒麟980芯片全面屏超微距影像超大广角徕卡三摄6GB+128GB宝石蓝全网通版双4G游戏手机,
sku_cid1 : 9987, sku_price(RMB) : 4999.0
sku_id : 33743197985, sku_name : 华为 (HUAWEI) mate20pro手机 亮黑色 8G+128G 全网通 (UD屏内指纹版), sku_cid1 : 9987, sku_price(RMB)
: 6666.0
```

```
ConstructWeightedSku'])
.split(',')), cid)
'005_ConstructWeightedSku'])
.split(',')), cid)
```

## • 用户行为序列画像

Userpin: 今晚打老虎







行为类型: 全部 — 行为: 全部/浏览/购买/加购/查询

时间范围: 最近一周 — 时间范围: 支持自定义

■ =浏览 ■ =加购 ■ =购买 ■ =搜索 — 结果按颜色区分行为类型

[提交](#) [返回](#) 按时间排序用户行为序列

Skuid数量: 62

<b>保鲜袋</b> >>	 >>	 >>	 >>	<b>和酒</b> >>
搜索词: 保鲜袋	宜洁 药膳包款药袋20只 13cm*15cmY-9375	洁成一次性纸抹布 洗碗布厨房用 纸90抽可搓洗日抛型 懒人抹布 可水洗干湿两用	石库门 上海老酒 黑色醇香1939 黑标 特型半干黄酒 14度 350ml*8 瓶 整箱装	搜索词: 和酒
skuid: 无	skuid: 8739198	skuid: 6790535	skuid: 4132053	skuid: 无
顺序: 20181113-06:46:55	顺序: 20181113-06:47:50	顺序: 20181113-06:53:40	顺序: 20181113-06:53:53	顺序: 20181113-06:54:18
行为: 搜索词	行为: 浏览	行为: 加购	行为: 浏览	行为: 搜索词
 >>	<b>保宁</b> >>	<b>百洁布</b> >>	 >>	 >>
和酒 黄酒 金色年华 5年陈 特型半干 14度 350ml*8 瓶 整箱装	搜索词: 保宁	搜索词: 百洁布	旭包鲜 日本品牌 一次性PE抽取式保鲜袋 150*200mm 100只装	旭包鲜 日本品牌PE抽取式保鲜袋 150*200mm 100只装

## • SKU画像

查询样例: 分隔 188036, 285480, 381050, 528473, 627718 (分隔符间可支持空格)  
分隔 833614<<1813107,1695535<<1813107 (支持混合分隔符)  
分隔+时间 17753332340:20181030-20:40:45,1991122357:20181030-20:40:10,29924235157:20181030-20:32:05  
分隔+行为 1027119698@0,1046843653@1,1064819888@2,1078870670@3,1103063733@4  
分隔+时间+行为 2922989:20181010-11:29:02@0,34206264480:20181018-19:07:33@1,2922989:20181110-11:28:59@1,3911869:20181210-11:29:02@1

sku分割符:

默认

分割符支持: ", "/空格/Tab/ 自定义字符

Sku输入:

2922989:20181010-11:29:02@0,34206264480:20181018-19:07:33@1,2922989:20181110-11:28:59@1,3911869:20181210-11:29:02@2

支持skuid(+时间)(+行为类型) 方式查询

■ =浏览 ■ =加购 ■ =购买 ■ =搜索

提交

返回

举例: 2922989:20181010-11:29:02@0,

skuid : 时间信息 @行为类型 sku分割符

Sku数量:4



蒙牛 特仑苏 纯牛奶 250ml\*16 礼盒装

skuid: 2922989

顺序: 20181010-11:29:02

行为: 浏览



OPPO K1手机【全新系列】屏下指纹识别 骁龙660 R15 R17同款 A5 A3升级版 摩卡红 4G+64G 全网通

skuid: 34206264480

顺序: 20181018-19:07:33

行为: 加购



蒙牛 特仑苏 纯牛奶 250ml\*16 礼盒装

skuid: 2922989

顺序: 20181110-11:28:59

行为: 加购



福临门 特选东北大米 粳米 中粮出品 大米 5kg

skuid: 3911869

顺序: 20181210-11:29:02

行为: 购买

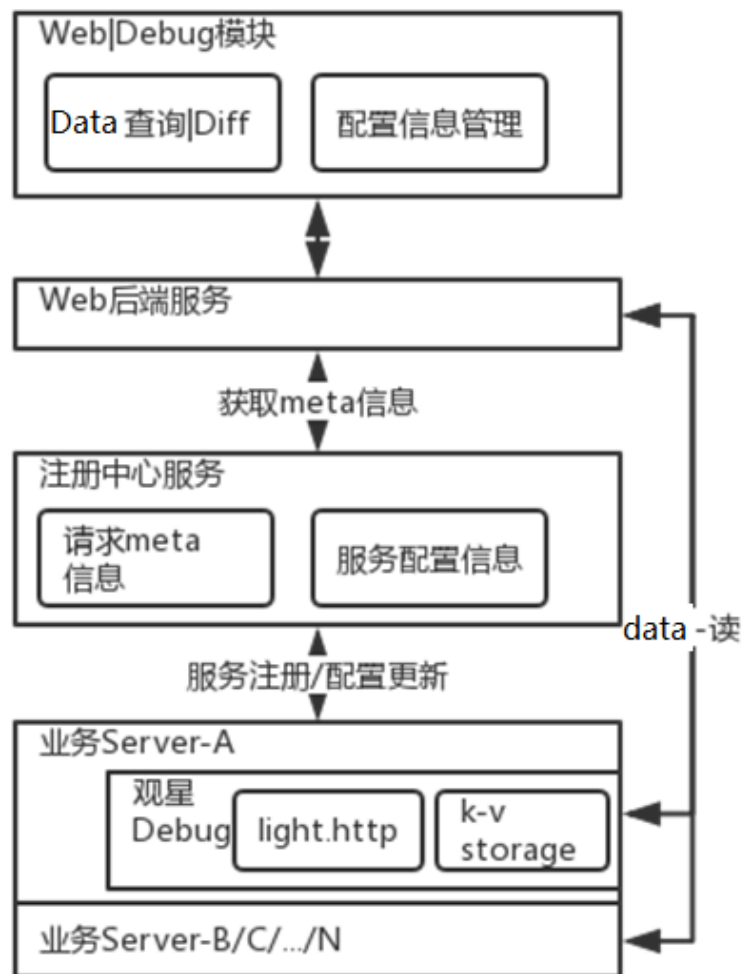


- **配置管理（白名单） - 即时生效**

- 白名单自助管理（Debug中心>白名单自助管理 \*联调环境）
  - 支持增加/删除自己的商城userpin
- 白名单申请（帮助页面）
  - 申请加入其他userpin，支持批量

- 背景简介
- 系统功能
- 系统架构
- 系统接入

## • 整体架构



- 背景简介
- 系统功能
- 系统架构
- 系统接入

- 观星Debug接入指南：  
<https://cf.jd.com/pages/viewpage.action?pageId=134038965>
- 观星Debug访问链接：
  - 生产环境： <http://ad-guanxing.jd.com/webapp/>
  - 联调环境： <http://stargaze.jd.local/webapp/>
- 观星Debug权限申请网址： （观星web->帮助页面）  
[http://xbp.jd.com/#/apply/index?node\\_id=335&dashboard\\_id=4](http://xbp.jd.com/#/apply/index?node_id=335&dashboard_id=4)
- 其他： 技术讨论群、观星web->FAQ页面

- 如有任何问题请联系我们:

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# Q&A



Thank you!