接口文档地址:

<http://tvd.gridsumdissector.com:1553>

接口部署地址:

10.200.200.17

WD查询sso帐号：

接口文档地址:

https://wd3.gridsumdissector.com/api/v3/drilldown/query?cluster=A

[cztv@gridsum.com](mailto:cztv@gridsum.com)

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Dm数据查询示例:

POST <http://10.202.81.27:8181/cq/query>

参数：

{

"columns": ["dimension\_cms\_category\_level\_1", "metric\_vod\_playcount\_all"],

"groupBys": ["dimension\_cms\_category\_level\_1"],

"filter": {

"filterOn": null,

"filterItemType": "Group",

"filterType": "Equal",

"concatType": "And",

"children": [{

"filterOn": "dimension\_day",

"filterItemType": "Single",

"filterType": "Equal",

"concatType": "And",

"children": [],

"filterValues": [20180723],

"options": {

"optionPairs": []

}

}, {

"filterOn": "dimension\_profile\_id",

"filterItemType": "Single",

"filterType": "In",

"concatType": "And",

"children": [],

"filterValues": [200096, 200097, 200111],

"options": {

"optionPairs": []

}

}],

"filterValues": [],

"options": {

"optionPairs": []

}

},

"paging": null,

"orderBys": [{

"orderColumn": "metric\_vod\_playcount\_all",

"orderDirection": "Desc"

}],

"options": {

"optionPairs": [{

"key": "cubeId",

"value": "cube\_tvd2\_combine0711"

}]

}

}

参数说明

| **字段** | **类型** | **描述** |
| --- | --- | --- |
| columns | String[] | Commonquery查询需要查询哪些维度指标 |
| filter**可选** | Object |  |
| filterValues | Object | 整数、小数、布尔值、字符串 |
| filterType**可选** | String | 属性filter.filterOn和filter.filterValues的连接方式  默认值: Equal  允许值: "Equal", "NotEqual", "GreaterThan", "LessThan","GreaterEqualThan", "LessEqualThan", "Between", "Contains", "In","NotIn", "StartWith", "NotStartWith", "EndWith", "NotEndWith","IsEmpty", "IsNotEmpty", "IsNull", "IsNotNull", "None", "Exists" |
| filterOn**可选** | String | 指定了维度过滤条件或指标过滤条件的id |
| filterItemType**可选** | String | "Group”为过滤条件组，当filterItemType为"Group”时，children属性不能为空。"Single”为单过滤条件，当filterItemType为"Single”时，filterOn属性不能为空。"Aggregation","Foreign”类型暂时没用到。保留字段。  默认值: Group  允许值: "Group", "Single", "Aggregation", "Foreign" |
| children**可选** | Object | FilterItem的数组，见filter.filterItemType属性的说明，当使用children时，children之外的filter无效。 |
| concatType**可选** | String | 指定了当filterItemType为“Group”时，其children之间的连接条件，维度过滤条件和指标过滤条件的连接只能是 "AND"  默认值: And  允许值: "And", "Or", "Not" |
| groupBys | String[] | 在DimMetrics中无效 |
| orderBys | Object[] | 排序字段 |
| orderColumn | String | 用于排序的维度指标 |
| orderDirection**可选** | String | 排序  默认值: Asc  允许值: "Asc", "Desc" |
| paging | Object | 分页信息 |
| pageIndex | Integer | 获取或设置起始页的页号，该页号是0基的  默认值: 0 |
| pageSize**可选** | Integer | 获取或设置每页的大小。注意：无论Paging是否允许为空，当PageSize=-1时，表示全量查询。  默认值: -1 |
| options | Object[] | 用于指定CommonQuery的CubeId |

返回值：

{

"startTime": "2019-02-14T10:50:01.529+08:00",

"data": [

[

"综艺",

151286

],

[

"电视剧",

16693

],

[

"布噜制造",

10255

],

[

"11",

6515

],

[

"新闻",

5733

],

[

"生活",

4829

],

[

"22",

4601

],

[

"10",

3421

]

],

"endTime": "2019-02-14T10:50:04.253+08:00",

"needCached": "false",

"queryNodePath": "",

"aggregation": "",

"totalCount": 36,

"querySqls": [

""

],

"headers": [

"dimension\_cms\_category\_level\_1",

"metric\_vod\_playcount\_all"

],

"queryType": "RawQuery",

"aggWindow": ""

}

返回值说明：

| **字段** | **类型** | **描述** |
| --- | --- | --- |
| headers | String[] | 查询结果集的表头 |
| data | Object[] | 查询结果集的数据二维表 |
| options | Object | 其他的额外信息 |
| totalCount | Integer | 总记录数量 |
| startTime | String | 查询开始时间 |
| endTime | String | 查询结束时间 |

查询需要的所有维度和指标（从cube信息中获得）：

GET <http://10.202.81.27:8181/cube/cube_tvd2_combine0711>

代码示例（c#）：

using Gridsum.Common.QueryIntegration;//需要引用国双commonquery或者按照样例中格式拼接post的json串

public DataResult QueryTvOverviewRealResult() {

FilterItem filters = new FilterItem();

var sd = DateTime.Now.AddDays(-dayago);

var sdweek = DateTime.Now.AddDays((0 - Convert.ToInt16(sd.DayOfWeek)) - 7);

var edweek = DateTime.Now.AddDays((6 - Convert.ToInt16(sd.DayOfWeek)) - 7);

int sdInt = Convert.ToInt32(sdweek.Year + sdweek.Month.ToString("D2") + sdweek.Day.ToString("D2"));

int edInt = Convert.ToInt32(edweek.Year + edweek.Month.ToString("D2") + edweek.Day.ToString("D2"));

filters.Children.Add(new FilterItem()

{

FilterOn = "dimension\_day",//过滤的维度

FilterType = FilterType.Between,

FilterValues = new object[] { sdInt, edInt },//数组

FilterItemType = FilterItemType.Single//表示单个过滤条件

});

filters.Children.Add(

new FilterItem()

{

FilterItemType = FilterItemType.Single,

FilterType = FilterType.In,

FilterOn = "dimension\_profile\_id",

FilterValues = new object[] { 200096}

}

);

filters.Children.Add(

new FilterItem()

{

FilterItemType = FilterItemType.Single,

FilterType = FilterType.In,

FilterOn = "dimension\_cms\_category\_level\_full\_1",

FilterValues = new object[] { "综艺", "布噜制造", "11", "2" }

}

);

Option<string, object> options = new Option<string, object>();

options.Add("cubeId", cubeid);

CommonQuery query = new CommonQuery

{

Columns = new List<string>() { "metric\_vod\_playcount\_all", "metric\_playtime\_user\_all" },//"metric\_playcount\_all"

Filter = filters,

Options = options

};

query.GroupBys = new List<string>() { "dimension\_cms\_category\_level\_full\_1" };

var queryJson = ConvertCommonQueryToJson(query);

return RequestHelper.PostTvdAsync(dimmetricBaseUrl, queryJson);

}