

OS-235

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1.

1.1

	JAR	
10.0	2018-07-31	V1.0

1.2

FR

JSONAPIJSONWEB

1.3

JSON

- JSONAPI
- JSONAPI
- JSON

OS-235

-
- FRM
-
-

2.

2.1

JSONAPI

2.2

JSON

2.2.1 JSONAPI

FRM

URL	http://ip.port/webroot/decision/api/dataset
METHOD	POST
Content-Type	application/json
RAW	<pre>{ "dataset": [{ "report_path": "tabledataService/Parameter_3.cpt", "datasource_name": "ds2", "page_number": -1, "page_size": 2, "parameters": [{ "name": "", "type": "String", "value": "" }, { "name": "", "type": "String", "value": "" }] }, { "report_path": "tabledataService/data.frm", "datasource_name": "ds1", "page_number": -1, "page_size": 1, "parameters": [{ "name": "company", "type": "String", "value": "VINET" }] }], "timestamp": "123456789", "sign": "761ad529b27019576de1ab4af5f9a394" }</pre>
Response	<pre>[[{ "report_path": "tabledataService/Parameter_3.cpt", "datasource_name": "ds2", "err_code": 0, "err_msg": "", "total_page_number": 1, "page_number": -1, "page_size": 2, "data": [{ "": "", "": "", "": "", "": "", "": "250.0", "": "zhangying"] }, { "": "", "": "", "": "", "": "", "": "760.0", "": "hanwen" }]], { "report_path": "tabledataService/data.frm", "datasource_name": "ds1", "err_code": 0, "err_msg": "", "total_page_number": 1, "page_number": -1, "page_size": 1, "data": [{ "": "", "": "0", "": "20.0", "": "39.0"] }, { "": "", "": "38", "": "5.0", "": "7.0" }]]]</pre>

- dataset
- report_pathCPTFRM tabledataService/Parameter_3.cpttabledataService/data.frm
- datasource_name
- page_number
- page_size
- parameters
- timestamp
- sign

- err_code0
- err_msg
- total_page_number
- page_number
- page_size
- dataJSONkey

JSON

Parameter_3.cpt

POST ▼ http://localhost:8075/webroot/decision/api/dataset

Authorization Headers (1) Body ● Pre-request Script Tests

	Key	Value
<input checked="" type="checkbox"/>	Content-Type	application/json
	New key	Value

POST

http://localhost:8075/webroot/decision/api/dataset

Authorization

Headers (1)

Body

Pre-request Script

Tests

 form-data x-www-form-urlencoded raw binary JSON (application/json)

```
1  {
2    "dataset": [{
3      "report_path": "tabledataService/Parameter_3.cpt",
4      "datasource_name": "ds2",
5      "page_number": -1,
6      "page_size": 2,
7      "parameters": [{
8        "name": "产品类型",
9        "type": "String",
10       "value": "饮料"
11      }],
12     {
13       "name": "地区",
14       "type": "String",
15       "value": "华北"
16     }
17   ]
18 }, {
19   "report_path": "tabledataService/data.frm",
20   "datasource_name": "ds1",
21   "page_number": -1,
22   "page_size": 1,
23   "parameters": [{
24     "name": "company",
25     "type": "String",
26     "value": "VINET"
27   }]
28 }],
29 "timestamp": "123456789",
30 "sign": "761ad529b27019576de1ab4af5f9a394"
31 }
```

data

```
[[{
  "report_path": "tabledataService/Parameter_3.cpt",
  "datasource_name": "ds2",
  "err_code": 0,
  "err_msg": "",
  "total_page_number": 1,
  "page_number": -1,
  "page_size": 2,
  "data": [{
    "地区": "华北",
    "销售员": "张颖",
    "产品类型": "饮料",
    "产品": "苹果汁",
    "销量": 250.0,
    "英文简称": "zhangying"
  }],
  .....
  {
    "地区": "华北",
    "销售员": "韩文",
    "产品类型": "饮料",
    "产品": "柳橙汁",
    "销量": 760.0,
    "英文简称": "hanwen"
  }]
}],
[{
  "report_path": "tabledataService/data.frm",
  "datasource_name": "ds1",
  "err_code": 0,
  "err_msg": "",
  "total_page_number": 1,
  "page_number": -1,
  "page_size": 1,
  "data": [{
    "产品名称": "猪肉",
    "库存量": 0,
    "成本价": 20.0,
    "单价": 39.0
  }],
},
```

```

.....
{
    "产品名称": "三合一麦片",
    "库存量": 38,
    "成本价": 5.0,
    "单价": 7.0
}
}
}

```

2.2.2 JSONAPI

URL	http://ip:port/webroot/decision/api/data
	http://ip:port/webroot/decision/url/api/data
METHOD	POST
Content-Type	application/json
RAW	<pre> { "report_path": "Parameter_3.cpt", "datasource_name": "ds2", "page_number": 1, "page_size": 100, "timestamp": "123456789", "sign": "468705dc60eff5f67438f9b94ed15245", "parameters": [{ "name": "", "type": "String", "value": "" }, { "name": "", "type": "String", "value": "" }] } </pre>
Response	<pre> { err_code : 0, err_msg : "", total_page_number : 10, page_number : 1, page_size : 10, data : [{key1:v11,key2:v12,...},...] } </pre>

- report_path doc/Parameter_3.cpt
- datasource_name
- page_number
- page_size
- parameters
- timestamp
- sign

- err_code0
- err_msg
- total_page_number
- page_number
- page_size
- dataJSONkey

JSON

Parameter_3.cpt

[blocked URL](#)

[blocked URL](#)

data

[blocked URL](#)

2.2.3 JSONAPI

URL	http://ip:port/webroot/decision/api/report
	http://ip:port/webroot/decision/url/api/report
METHOD	POST
Content-Type	application/json
RAW	<pre>{ "report_path": "tabledataService/Parameter_3.cpt", "start_page": 1, "end_page": 1, "timestamp": "123456789", "sign": "468705dc60eff5f67438f9b94ed15245", "parameters": [{ "name": "", "type": "String", "value": "" }, { "name": "", "type": "String", "value": "" }] }</pre>
Response	<pre>{ "err_code": 0, "err_msg": "", "start_page": 1, "end_page": 1, "total_page_number": 1, "data": [{ "A1": "", "A2": "" }] }</pre>

- report_path tabledataService/Parameter_3.cpt
- start_page
- end_page
- parameters

- timestamp
- sign

- err_code0
- err_msg
- total_page_number
- start_page
- end_page
- dataJSONkey

JSON

Parameter_3.cpt

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JSON

String	{ "name": "aa", "type": "String", "value": "" }	
Integer	{ "name": "aa", "type": "Integer", "value": "" }	
Double	{ "name": "aa", "type": "Double", "value": "" }	
Date	{ "name": "aa", "type": "Date", "value": "" }	
Boolean	{ "name": "aa", "type": "Boolean", "value": "" }	
Formula	{ "name": "aa", "type": "Formula", "value": "" }	

2.2.4

---'JSON'

JSON服务接口插件

接口调用-MD5密钥

数据加密-SM2 App ID

数据加密-接口方SM2私钥

数据加密-启用国密认证

数据加密-调用方SM2公钥

MD5(code+report_path+timestamp)
MD5sign

data

SM2 App IDSM2SM2

datasigaturekey

```

1 {
2   "report_path": "tabledataService/Parameter_3.cpt",
3   "datasource_name": "ds2",
4   "err_code": 0,
5   "err_msg": "",
6   "total_page_number": 1,
7   "page_number": -1,
8   "page_size": 2,
9   "appId": "6001",
10  "time": "20220621112546",
11  "data": "Xkp1k8V47V0iNER26i1XX/W4IoL4dG/U9p1ce22e8bI9I7KvqMShwI2R0w/Wj6LoCoesagHSIXUA9X2k61z+kIvyzBSPByZJpV7tAhDH5GsdRw8dMaG5Tb
/56F7HQmxfi9QoY6HSyvyV1xegS1bMg6llyMYsAKnJnyDwz1qWtzuEh1XoxlI3V9PC1bX+cV/wkpxHBS1RQgaF98zOQBE7QnszF41AX6rP1ZI2W
+55IkFmL92x9QYWasbw5Qe6uzvEADGjuUGPz2f1T51tBw6j7wHfyw1J5LOIDX/S4KommR/NLV11h0obBFdU3YSp6HI/ZSFUuvpNvcJZUv1s51h1V+9Q1EAdPaF
+30yYbVdAPnYZZrtWU1Nd21P4F9yMjuZqA1OS+QNsInr16sUCILF0F7qFjHe8m/DPZhaF0jfuHLLc4unUoFpMwL7MkYxxBCeabSIWMDQOdXPmG1vdCnVDh5Xm
+1t1qZ2PUokYKX5UXaPvtd2gYs9xRzb9tR8429fQ0TSbS41a6q1S0Z0xTdSt4130L1pCK1n5sjaMwaFeuwpn2LUTZIFnI012g0k4H9VLSaYz
+t6ay3YFtxzGdb65yH2Tg4VphnBsLJ3wcmjw60LRdsM3xcnszFgPDuc5RQTYSKB/Wpf/jfX8+xcjV1G6+f1L1tVMhKmc4YKygwTcASXOIwgvXqBgUgk6kklNC8I
/YFH12nxEdT5FfgkchMfjUIW6dCYmg4Du8bnzV3sY0aVuBXX2Hb8qMV3GcNP2AJY1qcnJ/hoLN/wh1bI/alNlypU/c59ueNVXXqmw1HAUYG2D8kzD4n1e1JpEdcE
/tYnbA51ANQM1DPjtt09kmI6Emk2qocq9Rch7+1cUty2S1pffkjcPKdPyqnuGeBjQxzJ1cXxjMNSI14fC/gskshWuVGVEM9k4nm/Bghkad917v1MHRyAHbrC
/Cm8VVD0XXTaFmZ4uQmztXpTU0UtNqzv8q/DNKGS5A1+VoLPm80e0sK+qojVjJ13T2uvvXs5syAhv62PCQbQsFT3hm64ktJIWg0NjRQvKNF1f1vvnBguQA6a1P1
/EH3Q7EYLKLXICct9fyGgsA4qF1/d/YsaFYL1iuz4dJ3JEtcu150w+Vse0PTNCXsvPnaU+bxghjvWP92b3DXRM1H24L5w8VFBk46bF/ZoalWdQnzRjkdNeQ4J3
/J20yD351b57yb21HVR08BFU9cdBQwQCvY7A30xHKjPCBunCYAFK7usTBE+numQcDdsXXYI+Z/EgT7tTx6vfeXypzTjJ1WILKvXr7Su0ErqShCagaD53h60D8e
/6U1bDM8RcdJ1Qe24yf1BpLPg2KxMpBLCR4VA3cRQqmpoX13BqcoERIMmRp3HS/GyI80t/YY1ETH0HIe0Eg+V5QbhdzGg6X16E28LxaT9VVM3j+c9hjtEZ/Lq1
/mp4hrvGgsjCpyuKboobmGjz8mdF4n6T4u2yus2SgtGYuz8LSCVuzZMQxOUuPsXzYj6Xus7VjMoBERMGE3itefncKZ3u6R+I/80Is3HH7g+ae80AgyHYZzBhu6RoYt
+jBH1M1Chfj5YbvyBFfjyNjIIsqeF1EsJzLJoBqTRPq7B83ZKwG5qyM2nrz060SMP6W++oItDd5nwi9dJNq74nmjUvP7EQatBf5IQ/UCbr+1/DQr3b5jnsVB4Y5
/n59yJv0w9tWv0tOun0J0mLz/3T03Q17Ac4JxtgtT1GTfai1McyX67Q1Kk0dD6t6Kx03W3Gwmz91LPQ0S2gU6JUnCOchdx912y0DOWPp5h2zoc49HUz9HLF
aRgkH34CY+",
12  "key": "BHDV0PbxMaWeDV2E/kGr+fqybt2194afkgbVNI2y8eIUEUX9uINI1581R5pPVtkDmTPy4EtWw+SB1G1RM1tnMRGgsS13sR1NPL95hS3FxxKNn53SKVtyxcn
",
13  "iv": "9wmn6fpp270v73au",
14  "requestNo": "15390871503001436161539087150300143617",
15  "sign": "MEYCIQCchav3Xku2p+3p1gVlXgJ41ec8E2tpI211AKYy2wIhAP++MRBFj+f1VI6n1Q0eq8SeVcATHMTEF+MDS8StTVr+"
16 }

```

err_code	err_msg
0	
10	report_path
11	datasource_name
12	page_number
13	page_size
14	
15	
16	start_page
17	end_page
20	

2.2.5 JSON

{}->"web"->{} JSON{}"

blocked URL

blocked URL

3.

js

```
$.ajax({
  url: "http://localhost:8075/webroot/decision/url/api/data",
  type: "POST",
  contentType: "application/json;charset=utf-8",
  dataType: "json",
  data: JSON.stringify({
    "report_path": "GettingStarted.cpt",
    "datasource_name": "ds1",
    "page_number": 1,
    "page_size": 100,
    "parameters": [{
      "name": "",
      "type": "String",
      "value": ""
    }]
  }),
  success: function(data) {
    alert("" + data.toString());
  },
  error: function() {
    alert("baocuo");
  }
});
```

.cpt