

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

-
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-
-

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
☒	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	{ "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": "" }] }
Response	{ err_code : 0, err_msg : "", total_page_number : 10, page_number : 1, page_size : 10, data : [{key1:v11,key2:v12,...},...] }

- 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

6001

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": "Kxp1K8V47V0iNER26iIX/W4IoL4dg/U9plce22e8bI9I7KvqMShwI2R0w/Wj6LoCoesagHS1XUA9X2k61z+kIwyZ8SPByZ3Pv7tAhDh5GsdRw8dMaG5Th
/56F7H0Mxfir9QoY6HSywyV1xegS1bMg6llyMYSaKnJnyDwziqWTzuEh1XoxlI3V9PC1bX+cV/wkpXHB51R0gaF98zOQ8E7QnSz+f41AX6r+P1ZI2W
+551kFWL92x9QYWasbw5Qe6uzvEADGju6P2zf1T151tBw6j7wHfYw1J5LOIDX/S4KowmR/NLV11h0obBFdU3YSp6HI/ZSFUuvpNvCjZUv1sS1h1V+9Q1EAdPaH
+30yYbVdAPYZZrtWU1Nd21P4F9yMjuZqA10S+QNsInnr16sUCILf0F7qFjHe8m/DPZhaF0jfuHLLc4unUAoFPmWdL7M7YxxBCeabSIVMDQOdXPmG1vdCnVDH5xm
+1t1qZ2PUokYKX5UXaPvtd2gY59xRzb9tR8429FqOTSbS41a6q1S0Z0xTdSt4i30L1pCK1n5sjaHwaFeuwpn2L1UTZIFnIOi2g0k4H9VLSaYz
+t6ay3YFtxzGdb65yH2Tg4VphnBsLJ3wcmrjw6DLRdsM3xcsnzFtgPDuc5RQTYSKB/Wpf/jfX8+xjV1G6+f1LtVMhKmc4YKygwTcASX0IwgvXqBgUgk6kklNC8I
/YFH12nxEdT5FfgkchMfjUIW6dcYmg4Du8bnzV3sY0aVuBXX2Hb8qgMV3GcNP2AjY1qcnJ/hoLN/wh1bI/alNlypU/c59ueNVXXqmw1HAUYG2D8kzD4n1e1JpEdcE
/tTYnbA51ANQM1DPjttO0kmI6Emk2qoqc0g9Rch7+1cUtY2S1pffkjcPKdPyqnuGeB3QxzJ1cXxjxMNSI14fC/gsKshWuVGVEM9k4nm/Bghkad917v1MHRyAHbrC
/Cm8VVD0XXTaFmZ4uQmztXpTU0UtNQzv8q/DNKGSEa1+VoLPmB0e0sK+qoJvJj13T2uvvXsssyAhv62PCQbQsFT3hm64KtJiWg0NjRQvKNF1f1vvnBguQA6a1P1
/EH3tQ7EYLKXICct9fyGgsA4qF1/d/YsaFYL1iuz4dJ3sJEtCu1S0W+Vse0PTNCXsvPnaU+bxghJvWP92b3DXRM1H24L5w8VFBk46bF/ZoalidQn7zRjkdNeQ4J3
/J20yD351Sb5JYb2tIHR0BFU9cDbQwwQCVyJA30xHKJ6PCBunCYAFK7usTBE+numQcDdsXYXI+Z/EgT7tTx6vfeXypzTjJiVNLKVgxR7Su0ErqShCagaD53h6008a
/6U1bDM8RcdJ1Qe24yf1BpLPg2KxMpBLCR4VA3cRGQqmPoX13BqcoERiMmRp3HS/GyI8oT/YY1ETH0HIeOeg+V5QbhdzGq6X16E28LxaT9VYM3j+C9hjTEZ/Lq1
/mp4hrvGgsjCpyuKbobmGjz8mdF4n6T4u2yus2SgtGYuz8LSCVzMQxOUuPsXzYj6Xus7VjMoBERMGE3itefnKCZ3u6R+I/8oIs3HH7g+ae80AgyHYZzBHu6RoYt
+j8H1M1Chfj5YbvvyBFFjyNJIIsqeEF1EsJzLJoBqTRPq7B83ZKWG5qyM2nrz060SMP6W++oItDd5nWi9djNQ74wnmjUwP7EQatBf5IQ/UCbr+1/DQr3b5jnsVB4Yf
/n59vjv0w9tWvOtOunOJ0mL/3T03Q17Ac4JXtTgtT1GTfa1fMcyX67Q1KKoDdBt6Kx039W3Gwmz91LPQqH52gu6JUnCOChdx912y0DOWPp5h2zoc49HUz9hLF
aRgvkh34CY=",
12    "key": "BHDY0PbxMaWeDV2E/kGr+Fqybt2194afkgbVli2y8eIUEUxV9uIN1581R5pPVtkDmTpY4EtVw+SB1G1RM1tnMRGGpsS13sR1NPL95hS33FxxKln53SKVtyxxc
=",
13    "iv": "9wmn6fbp27ov73au",
14    "requestNo": "15390871503001436161539087150300143617",
15    "sign": "MEYCIQCchav3XKU2p+33p1lgXJ4U1ec8E2tpI211AKYy2wIhAP++MRBFj+f1VI6n1QDeq8SeVcATHMTeF+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