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>

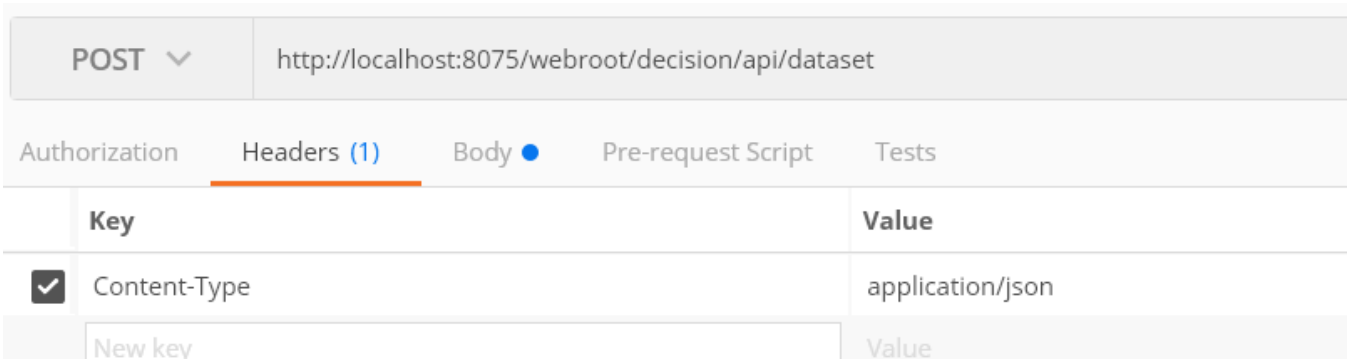
Response	<pre>[{
	  "report_path": "tabledataService/Parameter_3.cpt",
	  "datasource_name": "ds2",
	  "err_code": 0,
	  "err_msg": "",
	  "total_page_number": 1,
	  "page_number": -1,
	  "page_size": 2,
	  "data": [{
	  "": "",
	  "": "",
	  "": "",
	  "": "",
	  "": 250.0,
	  "": "zhangying"
	  },
	  .....
	  {
	  "": "",
	  "": "",
	  "": "",
	  "": "",
	  "": 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>

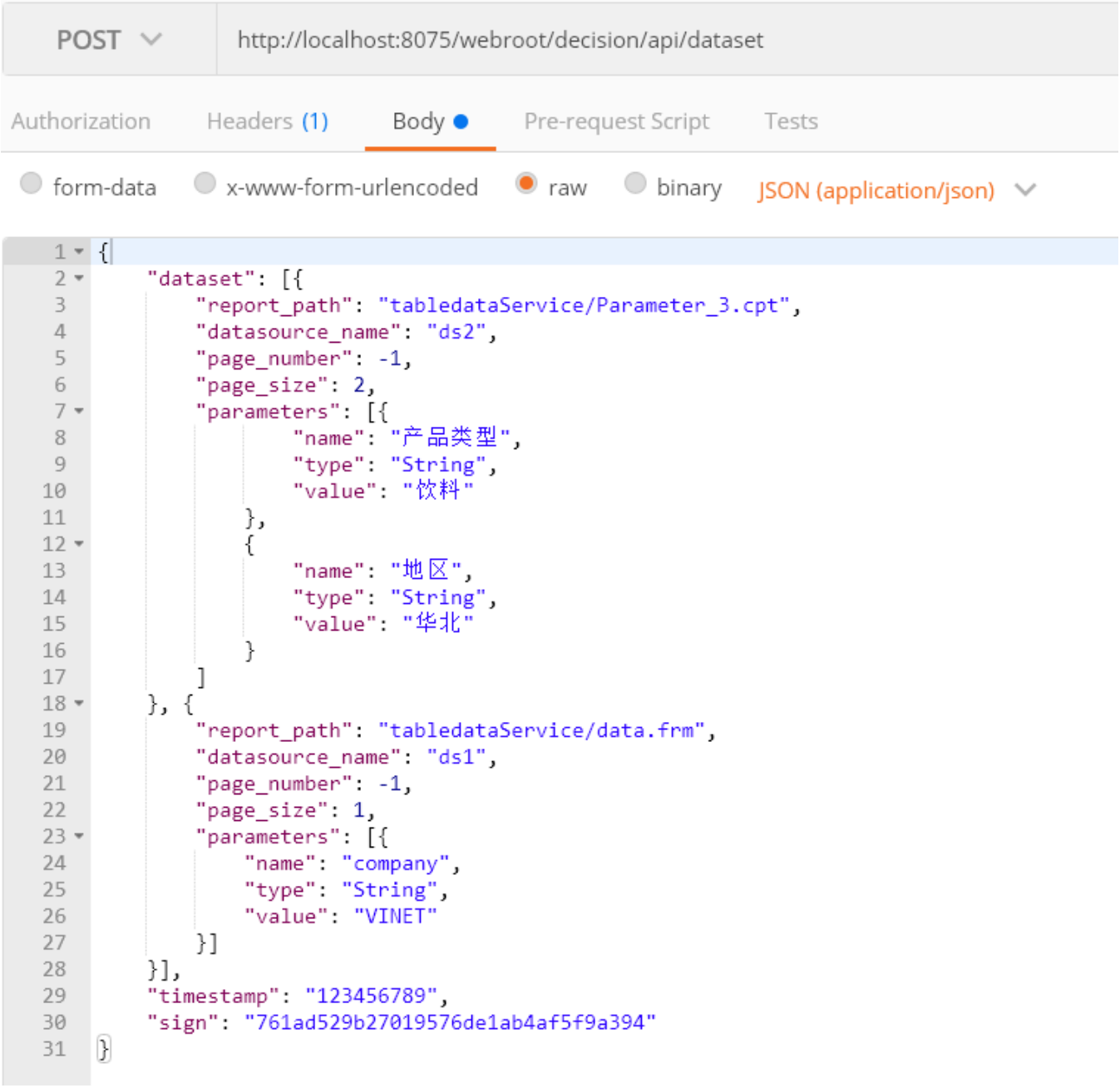
- dataset
- report_pathCPTFRM tabledataService/Parameter_3.cpttabledataService/data.frm
- datasource_name
- page_number
- page_size
- parameters
- timestamp
- sign

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

JSON

Parameter_3.cpt

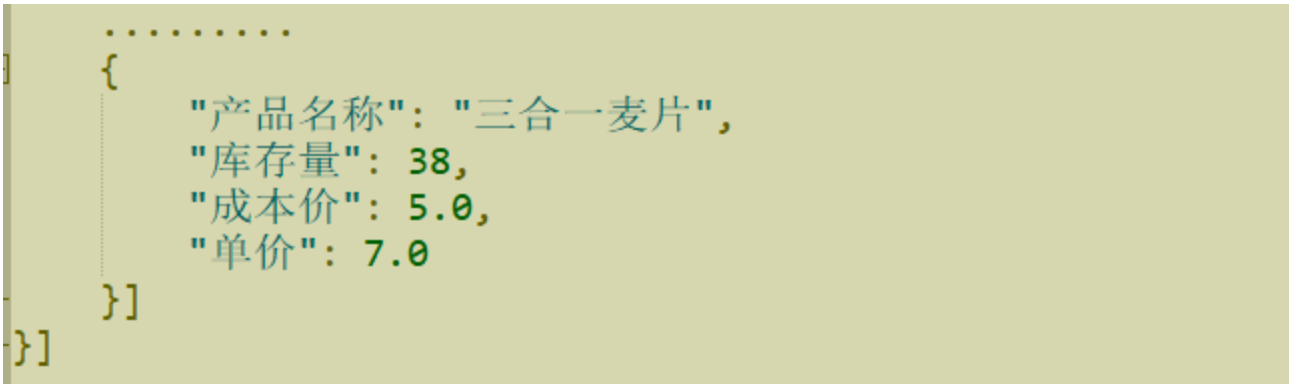





```
{
    "dataset": [{
        "report_path": "tabledataService/Parameter_3.cpt",
        "datasource_name": "ds2",
        "page_number": -1,
        "page_size": 2,
        "parameters": [{
                "name": "产品类型",
                "type": "String",
                "value": "饮料"
            },
            {
                "name": "地区",
                "type": "String",
                "value": "华北"
            }
        ]
    }, {
        "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"
}
```

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
    },
```



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	{
	"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": ""
	}
	]
	}

Response	{
	"err_code": 0,
	"err_msg": "",
	"start_page": 1,
	"end_page": 1,
	"total_page_number": 1,
	"data": [
	{
	"A1": "",
	"A2": ""
	}
	]
	}

- 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

blocked URL

blocked URL

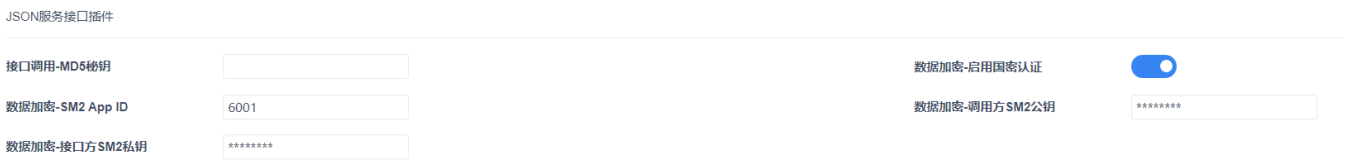
blocked URL

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’



MD5(code+report_path+timestamp)
MD5sign

data

SM2 App IDSM2SM2

datasigaturekey

```
{
    "report_path": "tabledataService/Parameter_3.cpt",
    "datasource_name": "ds2",
    "err_code": 0,
    "err_msg": "",
    "total_page_number": 1,
    "page_number": -1,
    "page_size": 2,
    "appId": "6001",
    "time": "20220621112546",
    "data": "KxpiK8V47VOinER26IiXX/W4IoL4dG/U9plce22e8bI9I7kVqMSHwi2ROww/Wj6LoCoesagHSiXUA9X2k61z+kIwyzBSPByZJPv7tAhDH5GsdRw8dMaG5Tk
        /56f7HOMxfir9QoY6HSYwyVlxegSlbMg6NyMYSaKnJnyDwziqWTzuEh1XoxN3V9PC1bX+cV/wkpXHBSlROgaF98zOQ0E7QmSzf41AX6rP1ZI2W
        +55IkFWL92x9QYWasbw5Qe6uzvEADGjuU6P2zflTi5ItBw6j7wHFyW1J5LOIDX/S4KomvmR/NLV11h0obBFdU3YSp6HI/Z5FUuvpNvCjZUvlsSlhlV+9Q1EAdPah
        +30yYbVdAPnYZZrtWUlNd2lP4F9yMjuZqAlOS+QNsNnri6sUCILf0F7qFjHe8m/DPZhaF0jfuHLLc4unUAoFPmWdLM7MxYxxBCeabSIVMDQOdXPmG1vdCnVDhSxm
        +1tlqZ2PUokYKX5UXaPVtd2gYS9xRzb9tR8429FqOTSbS41a6q1S0ZOxTdSt4i3OL1pCKln5sjaMwafeuwpn2L1UTZIfnIOi2g0k4H9VLsaYz
        +t6ay3YFtxzGdb6SyH2Tg4VpHnBsLJ3wcrmjw6DLRdsM3xcsnzFtgPDuc5RQTYSKB/Wpf/jfX8+xjV1G6+f1LTtVMhKmcd4YKygWTcA5XOIwgvXqBgUgk6kkNC8I
        /YFHI2nxEdT5fFgkchMfjUIW6dcYmg4Du8bnzV3sY0aVuBXK2Hb8qgMV3GcNP2AjYiqcnJ/hoLN/wh1bI/aNNypU/c59ueNVXXqnwiHAUYG2D8kzD4n1e1JpEdcE
        /tTYnbA51ANQM1DPjjtO0kmI6Emk2qoqcOg9Rch7+icUtY2SlpffkJcPKdPyqnuGeBJQxzJlcXxjxMNSI14fC/gsKshWuVGVEM9k4nm/BGhkad9i7v1MHRyAHbrc
        /Cm8VVD0XXTaFmZ4wQmztxYpTU0UtNQzv0q/DNKGSEA1+VoLPmB0eOsK+qojVjJ13T2uvvXsssyAhv62PCQbQsfT3hm64KtJIWG0NjRQvKNF1fivvnBguQA6a1P1
        /EH3tQ7EYLKLXIcCt9fyGgsA4qF1/d/YsaFYL1iuz4JdJsJEtCuiS0W+Vse0PTNCXswPnaU+bxghJvWP92b3DXRM1H24L5W8VFBk46bF/ZoaWdQn7zRjkdNeQ4J3
        /JZ0yD3S1b5JYb2IHVR0BfU9cDbQwwQCVyJA3OxHKJ6PCBunCYAfK7usTBE+numQcDdsXYXI+Z/EgT7tTx6vfeXYpzTjJIvNLKVgxR7SuOErqShCqgaD53h60D8a
        /6UibDM8RcdJlQe24yf1BpLPg2KxMpBLCR4VA3cRGQqmPoXl3BgcoERiMmRp3HS/GyI8oT/YYiETH0HIeOEg+V5QbhdzGq6X16E28zLxaT9VYM3j+C9hjtEZ/LqI
        /mp4hrwGgsjCpyuKbobmGjz8mdF4n6T4u2yuS2SgtGYUz8LSCVwZMQxOUuPsXzYj6XusJVjMoBERMGE3itefnkCZ3u6R+I/8oIs3HH7g+ae8OAgyHYZzBHu6RoYt
        +jBHlMiCHfj5YbvyBFFjyNJIsqeEF1EsJzLJoBqTRPq7B83ZKWG5qyM2nrz060SMP6W++oItDdSnWi9djNQ74wnmjuwP7EQatBf5IQ/UCbr+l/DQrJb5jnsVB4YS
        /n59vjv0W9tWMvOtOunOJ0mLt/3T03Q17Ac4jXttgTI1GTfalfMcyX67Q1KKoDdBt6Kx0J9W3GWmz91LPQQhS2gu6JUnCOChdhx912y0DOWPp5h2zoc49HUz9hLF
        aRgvkHJ4CY=",
    "key": "BHDYOPbxMaWeDV2E/kGr+Fqytb2194afkgbVN2y8eIUEUXV9uIN1581R5pPVtkDmTpY4EtVW+SB1GiRMltnMRGGpsS13sR1NPL95hS33FxxKNn53SKVtyxcm
        =",
    "iv": "9wmn6fpb27ov73au",
    "requestNo": "153908715030014361615390871503001436l7",
    "sign": "MEYCIQCchav3XKuX2p+3Jpi1gVLgXJ4U1ec8E2tpI2liAKYy2wIhAP++MRBFj+flVI6n1QDeq8SeVcAThMTeF+MDSBStTVr+"
}
```


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