

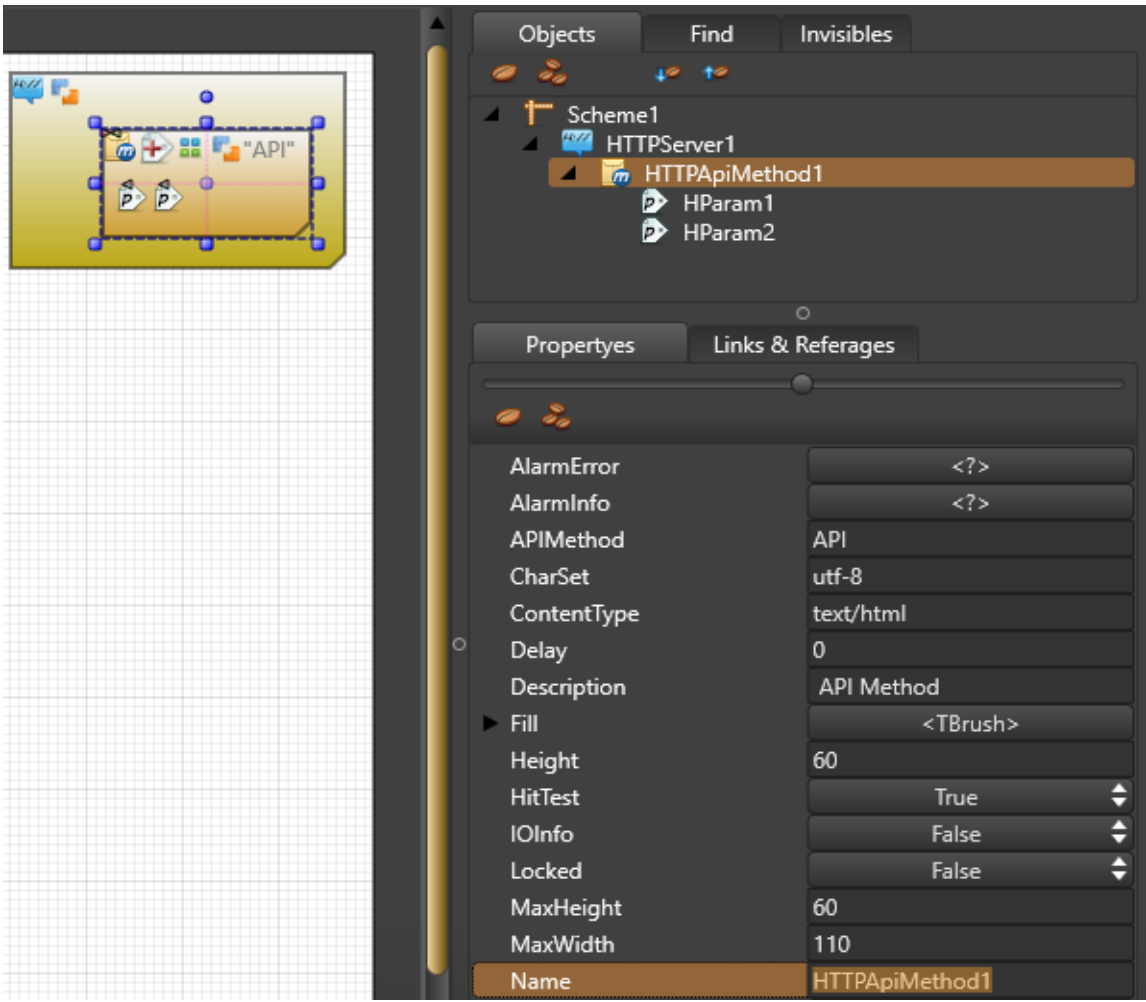


HTTP Web Service API "Method" Component

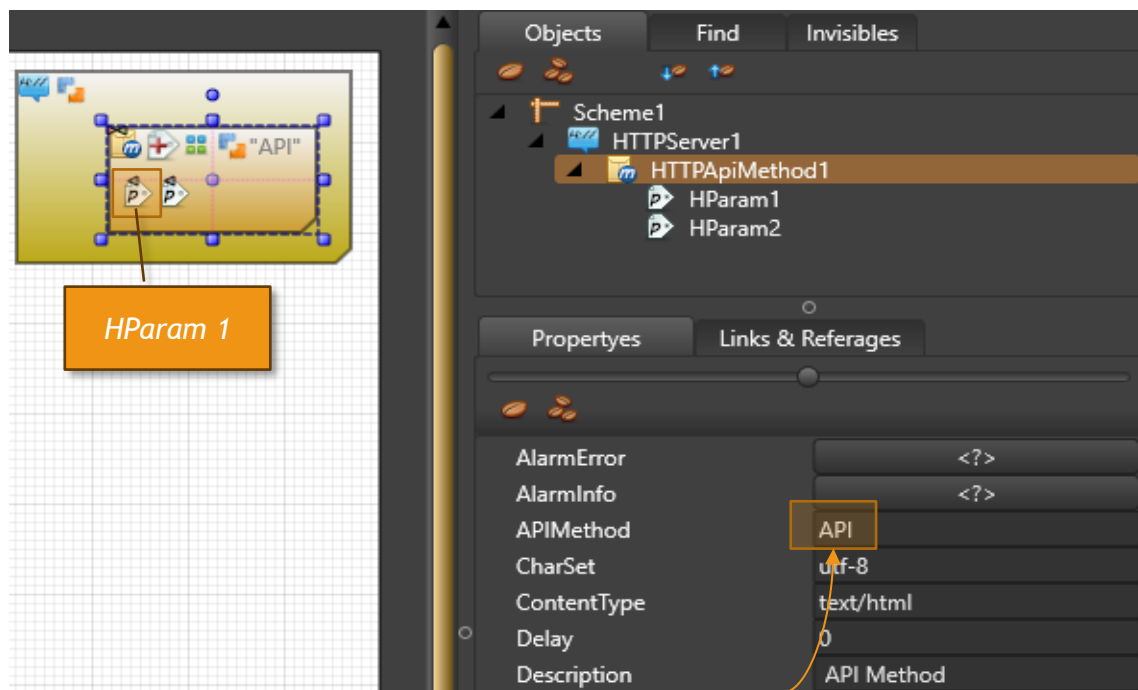
Using :
For Define Rest API Method

Propertyes :	
APIMethod	Rest Web API Method Name
Delay	Delay Show IO Result
IOInfo	Show IO inforamtion ("Rung Block")

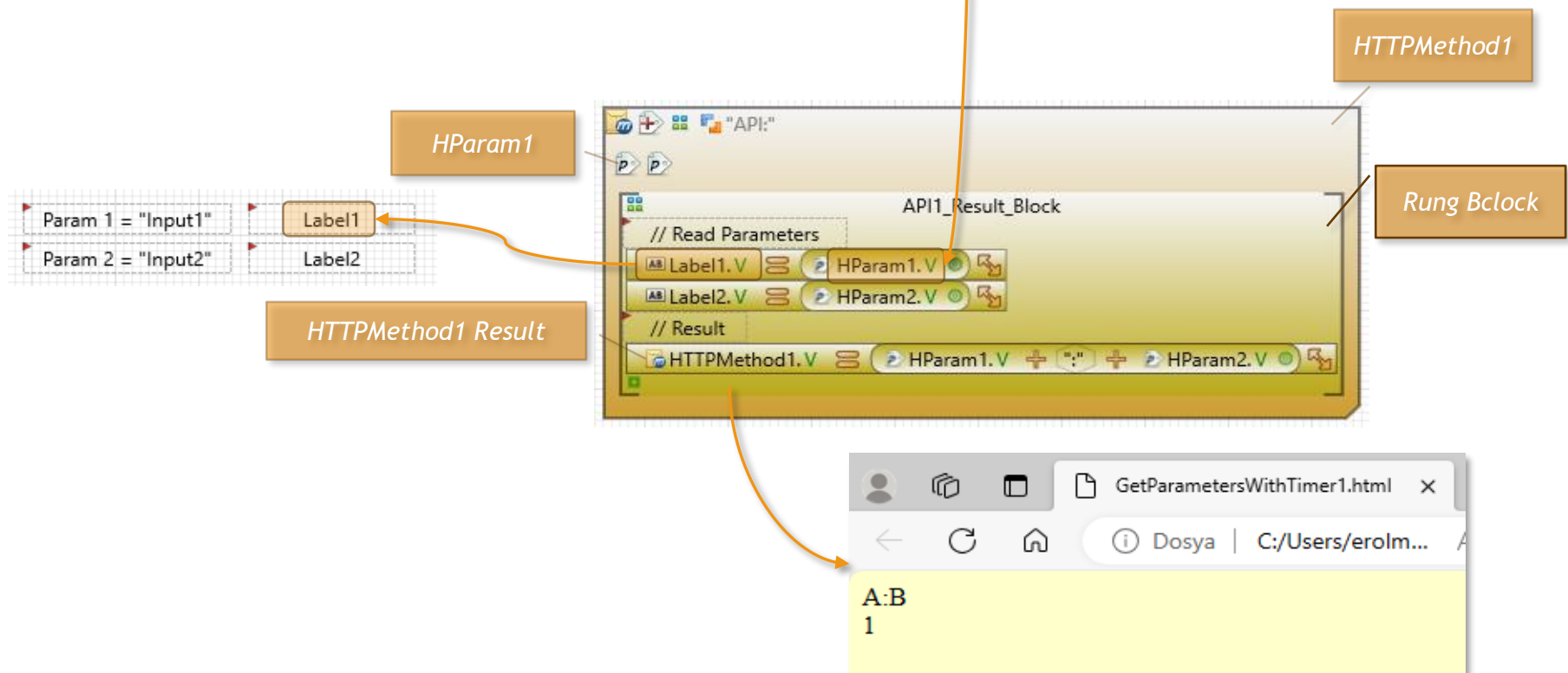
SubObjects :	
<u>TXHParam</u>	Method Parameter Name



Example

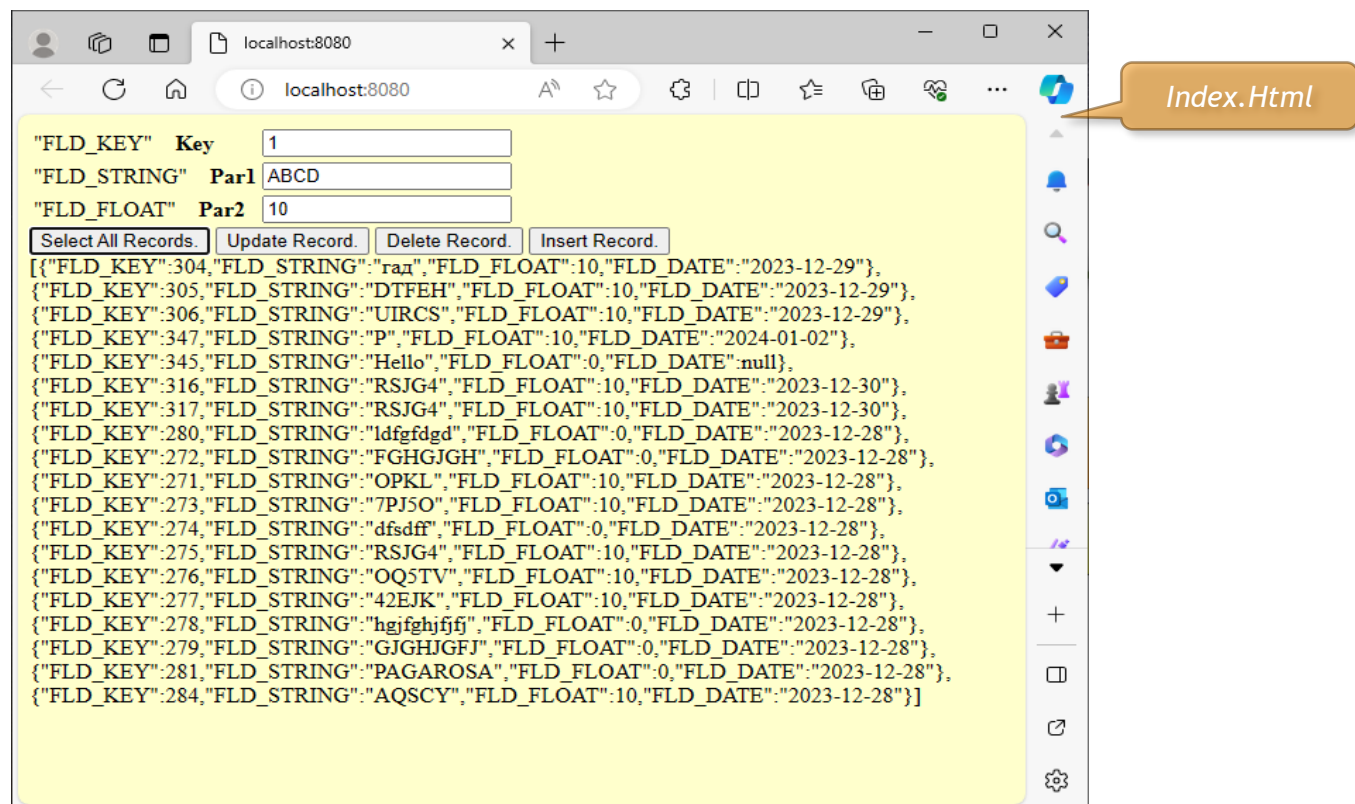
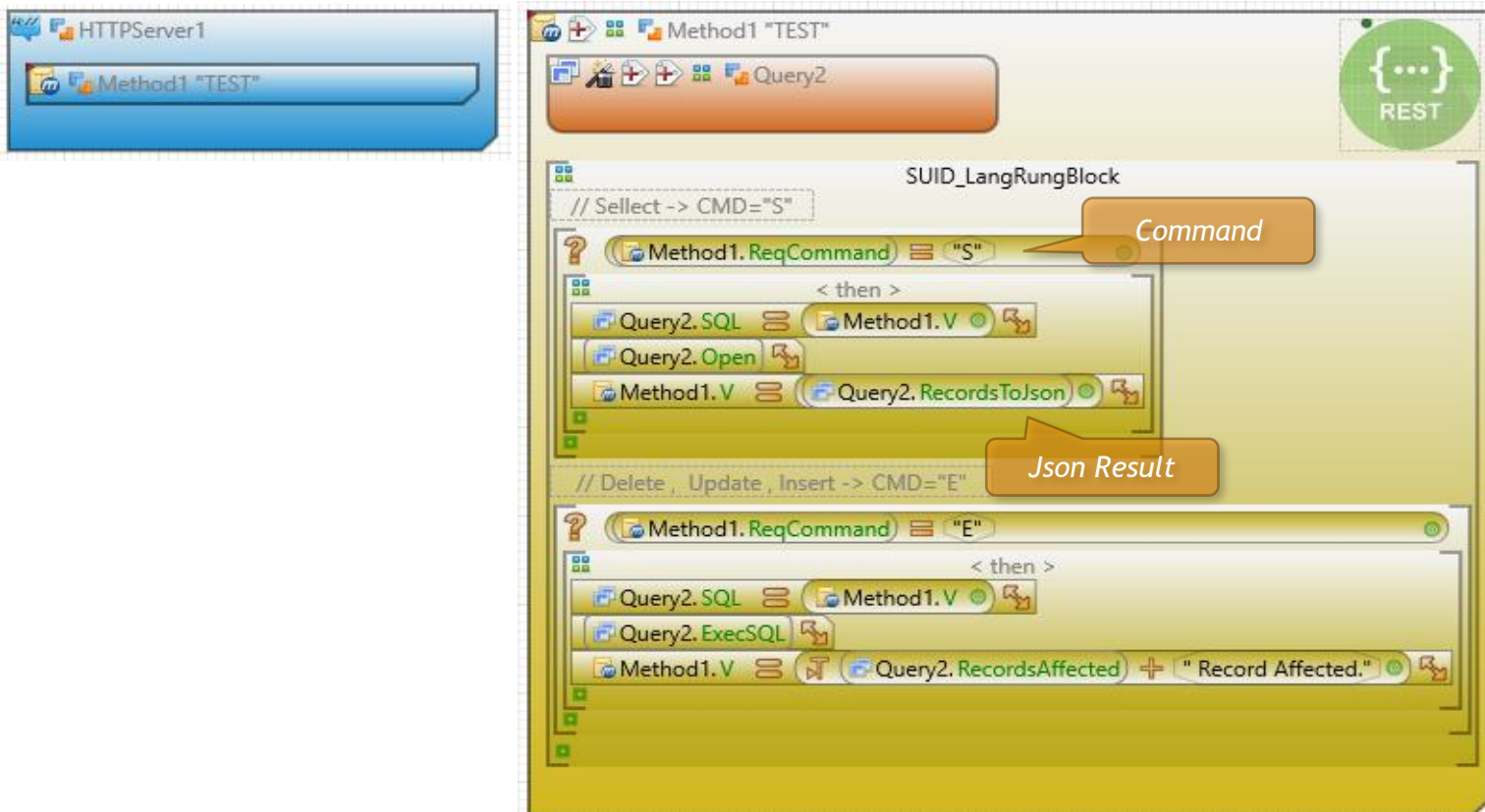


req.open('GET', "http://localhost:8080/API/CMD?Input1=A&Input2=B ", true); <!-- Async -->
req.onreadystatechange = TimeReady;
req.send('');



```
1 <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
2
3 <html>
4 <head>
5 <title></title>
6 <script language="JavaScript">
7     var req = null;
8
9     function btnDemoClick()
10    {
11        if (req == null) {
12            if (window.XMLHttpRequest) {
13                req = new XMLHttpRequest();
14            } else {
15                req = new ActiveXObject("Microsoft.XMLHTTP");
16            }
17        }
18        req.open('GET', "http://localhost:8080/API/CMD?Input1=A&Input2=B ", true); <!-- Async -->
19        req.onreadystatechange = TimeReady;
20        req.send('');
21        document.getElementById("time").innerHTML = "working...";
22    }
23
24    function TimeReady()
25    {
26        if (req.readyState == 4) {
27            if (req.status == 200) {
28                document.getElementById("time").innerHTML = req.responseText;
29            }
30        }
31    }
32
33
34
35 </script>
36 </head>
37
38 <body bgcolor="ffffcc">
39
40 <div id="time"></div>
41 <input type="button" value="Get Demo" onclick="btnDemoClick();">
42
43 </body>
44 </html>
```

HTTP Rest Web API Database Service : Select , Update , Insert , Delete



```

122 //
123 // SELECT
124 //
125
126 function btnSelectClick()
127 {
128
129     if (req1 == null)
130     {
131         if (window.XMLHttpRequest) { req1 = new XMLHttpRequest(); }
132         else { req1 = new ActiveXObject("Microsoft.XMLHTTP"); }
133     }
134
135     req1.open('POST', API+"/S", true); <!-- Async -->
136     req1.onreadystatechange = req1Ready;
137     req1.send('SELECT * FROM TEST_TABLE ');
138
139     document.getElementById("grid").innerHTML = "working...";
140 }

```

Callouts in the image identify the following elements:

- TEST**: Points to the `API+"/S"` path in the `req1.open` call.
- Command**: Points to the `req1.send` method call.
- Method1.Value**: Points to the `req1.send` method call.

```

83 //
84 // UPDATE
85 //
86
87 function btnUpdateClick()
88 {
89
90     if ( document.getElementById("Key").value === "" )
91     {
92         window.alert( " Key   Need Value" );
93         exit;
94     }
95
96     if ( document.getElementById("Par1").value === "" )
97     {
98         document.getElementById("Par1").value = makecid(5);
99     }
100     if ( document.getElementById("Par2").value === "" )
101     {
102         document.getElementById("Par2").value = Math.floor((Math.random() * 100) + 1);
103     }
104
105
106     if (req1 == null)
107     {
108         if (window.XMLHttpRequest) { req1 = new XMLHttpRequest(); }
109         else { req1 = new ActiveXObject("Microsoft.XMLHTTP"); }
110     }
111
112     req1.open('POST', API+"/E" , true); <!-- Async -->
113     req1.onreadystatechange = req1Ready;
114     req1.send("UPDATE TEST_TABLE SET  FLD_STRING = '" + document.getElementById("Par1").value + "' , "+
115             "FLD_FLOAT = " + document.getElementById("Par2").value +
116             " WHERE FLD_KEY = " + document.getElementById("Key").value );
117
118     document.getElementById("grid").innerHTML = "working...";
119 }
120

```

```

57 //
58 // DELETE
59 //
60
61 function btnDeleteClick()
62 {
63
64     if ( document.getElementById("Key").value === "" )
65     {
66         window.alert( " Key   Need Value" );
67         exit;
68     }
69
70
71     if (req1 == null)
72     {
73         if (window.XMLHttpRequest) { req1 = new XMLHttpRequest(); }
74         else { req1 = new ActiveXObject("Microsoft.XMLHTTP"); }
75     }
76
77     req1.open('POST', API+"/E" , true);
78     req1.onreadystatechange = req1Ready;
79     req1.send("DELETE FROM TEST_TABLE WHERE FLD_KEY = " + document.getElementById("Key").value );
80
81     document.getElementById("grid").innerHTML = "working...";
82 }

```

```

12 //
13 // INSERT
14 //
15
16 function btnInsertClick()
17 {
18
19
20     if ( document.getElementById("Key").value === "" )
21     {
22         window.alert( " Key   Need Value" );
23         exit;
24     }
25
26     if ( document.getElementById("Par1").value === "" )
27     {
28         document.getElementById("Par1").value = makecid(5);
29     }
30     if ( document.getElementById("Par2").value === "" )
31     {
32         document.getElementById("Par2").value = Math.floor((Math.random() * 100) + 1);
33     }
34
35
36     if (req1 == null)
37     {
38         if (window.XMLHttpRequest) { req1 = new XMLHttpRequest(); }
39         else { req1 = new ActiveXObject("Microsoft.XMLHTTP"); }
40     }
41
42     req1.open('POST', API+"/E" , true);
43     req1.onreadystatechange = req1Ready;
44     req1.send(" INSERT INTO TEST_TABLE (FLD_KEY , FLD_STRING ,FLD_FLOAT ,FLD_DATE ) VALUES("+
45             " GEN_ID(FLD_KEY, 1) , " +
46             "'" + document.getElementById("Par1").value + "' , "+
47             + document.getElementById("Par2").value + " , "+
48             " CURRENT_DATE " +
49             ") "
50
51     );
52
53     document.getElementById("grid").innerHTML = "working...";
54 }

```