

```
1  /*
2  データサーバ API を呼び出すスクリプト
3  */
4
5  /*
6  チャンネル操作
7  */
8
9  function get_channel_list(cb) {
10     let req = new XMLHttpRequest();
11     req.onreadystatechange = function(){
12         if (this.readyState == 4 && this.status == 200) {
13             let ml = JSON.parse(this.response, 'utf8');
14             cb(ml.channel);
15         }
16     }
17     req.open('GET', '/channel/');
18     req.send();
19 }
20
21 function add_channel(channel_id, channel_name, channel_owner, cb) {
22     let req = new XMLHttpRequest();
23     req.onreadystatechange = function(){
24         if (this.readyState == 4 && this.status == 200) {
25             let ml = JSON.parse(this.response, 'utf8');
26             cb(ml);
27         }
28     }
29     let channel = {"id":channel_id, "name":channel_name, "owner":channel_owner};
30     let json = JSON.stringify(channel);
31     req.open('POST', '/channel');
32     req.setRequestHeader('Content-Type', 'application/json');
33     req.send(json);
34
35 }
36
37 function delete_channel(channel_id, cb) {
38     let req = new XMLHttpRequest();
39     req.onreadystatechange = function(){
40         if (this.readyState == 4 && this.status == 200) {
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41         let ml = JSON.parse(this.response, 'utf8');
42         cb(ml);
43     }
44 }
45 req.open('DELETE', '/channel/' + channel_id);
46 req.send();
47
48 }
49
50
51 /*
52 データ操作
53 */
54 function get_influxdb_data(channel_id, measurement, from, to, cb) {
55     let req = new XMLHttpRequest();
56     req.onreadystatechange = function(){
57         if (this.readyState == 4 && this.status == 200) {
58             let ml = JSON.parse(this.response, 'utf8');
59             cb(ml.data);
60         }
61     }
62     /*
63     検索条件設定
64     */
65     let param = "";
66     if (measurement) {
67         param = '&measurement=' + measurement;
68     }
69     let url = '/data/?channel_id=' + channel_id + param
70     req.open('GET', url);
71     req.send();
72 }
73
74
75
```