RESTful Web Clients

Coding Sessions

cj-client-0.js

```
// handle title
       function title() {
        var elm, str;
54
         if(hasTitle(g.cj.collection)===true) {
           str = g.cj.collection.title||g.title;
           elm = d.find("title");
58
59
          elm.innerText = str;
           elm = d.tags("title");
60
          elm[0].innerText = str;
61
62
63
64
65
      // handle content block
66
       function content() {
67
         var elm;
         elm = d.find("content");
69
         d.clear(elm);
         if(g.cj.collection.content && (typeof g.cj.collection.content)==="string") {
           elm.innerHTML = g.cj.collection.content.toString();
73
74
```

cj-client-0x.js

```
// handle title
53
       function title() {
54
        var elm, str;
        if(hasTitle(g.cj.collection)===true) {
          str = g.cj.collection.title||g.title;
57
          elm = d.find("title");
          elm.innerText = str;
          elm = d.tags("title");
          elm[0].innerText = str;
61
62
63
64
      // handle content block
65
      function content() {
66
67
        var elm;
68
        elm = d.find("content");
69
        d.clear(elm);
        if(g.cj.collection.content && (typeof g.cj.collection.content)==="string") {
          elm.innerHTML = g.cj.collection.content.toString();
72
74
```

TPS - Tasks

Manage your TPS Tasks here.

You can do the following:

- · Add, Edit and Delete tasks
- · Mark tasks "complete", assign tasks to a user
- · Filter the list by Title, Assigned User, and Completed Status

```
"collection": {
   "version": "1.0",
   "href": "//localhost:8181/task/",
   "title": "TPS - Tasks",
   "content": "<div class=\"ui segment\"><h3>Manage your TPS Tasks her
   "links": [
    {
        "href": "http://localhost:8181/home/",
    }
}
```

cj-client-1.js

```
// handle link collection
76
      function links() {
77
78
        var elm, coll;
79
        var menu, item, a, img;
        var head, lnk;
81
        elm = d.find("links");
82
        d.clear(elm);
83
        if(q.cj.collection.links) {
84
          coll = g.cj.collection.links;
85
          menu = d.node("div");
86
          menu.className = "ui blue fixed top menu";
87
          menu.onclick = httpGet;
          for(var link of coll) {
91
          d.push(menu, elm);
94
```

Cj-client-1x.js

```
for(var link of coll) {
 90
              // stuff render=none Cj link elements in HTML.HEAD
 92
              if(isHiddenLink(link)===true) {
 94
               head = d.tags("head")[0];
               lnk = d.link({rel:link.rel,href:link.href,title:link.prompt});
               d.push(lnk, head);
               continue;
              // render embedded images, if asked
              if(isImage(link)===true) {
               item = d.node("div");
               item.className = "item";
               img = d.image({href:link.href,className:link.rel});
104
               d.push(img, item);
               d.push(item, menu);
              else {
               a = d.anchor({rel:link.rel,href:link.href,text:link.prompt,
                  className: "item"});
                d.push(a, menu);
114
           d.push(menu, elm);
```

Home Tasks Users Notes

TPS - Tasks

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```
{
    "collection": {
      "version": "1.0",
      "href": "//localhost:8181/task/",
```

cj-client-2.js

```
118
       // handle item collection
       function items() {
119
120
         var elm, coll;
         var ul, li;
121
122
         var segment, buttons, table;
123
         var p, imq, a;
124
         elm = d.find("items");
125
126
         d.clear(elm);
         if(g.cj.collection.items) {
127
           coll = g.cj.collection.items;
128
           ul = d.node("div");
129
130
131
           for(var item of coll) {
132
              segment = d.node("div");
              segment.className = "ui segment";
133
              buttons = d.node("div");
134
135
              buttons.className = "ui mini buttons";
136
```

cj-client-2x.js (1)

```
164
              // delete link
              if(isReadOnly(item)===false) {
165
166
                a = d.anchor(
167
                     href:item.href,
168
                     className: "item action ui negative button",
169
                     rel: "delete",
170
                     text: "Delete"
171
172
173
                a.onclick = httpDelete;
174
                d.push(a, buttons);
175
176
177
```

cj-client-2x.js (2)

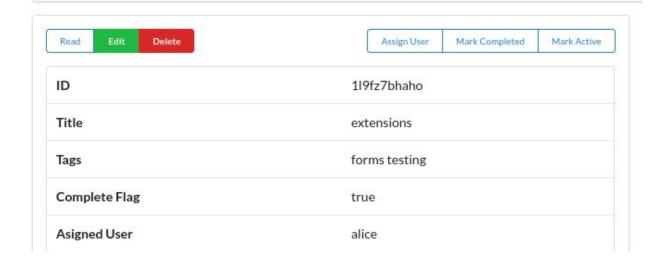
```
218
             table = d.node("table");
             table.className = "ui table";
219
             for(var data of item.data) {
220
221
               if(data.display==="true") {
222
                 tr = d.data row(
223
                      className: "item "+data.name,
224
                      text:data.prompt+" ",
225
226
                      value:data.value+" "
227
228
                 d.push(tr,table);
229
230
```

TPS - Tasks

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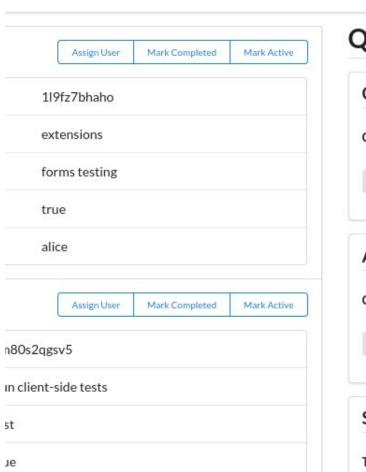


cj-client-3.js

```
248
         elm = d.find("queries");
249
         d.clear(elm);
         if(q.cj.collection.queries) {
251
           coll = q.cj.collection.gueries;
           for(var query of coll) {
252
             segment = d.node("div");
254
             segment.className = "ui segment";
             form = d.node("form");
             form.action = query.href;
257
             form.className = query.rel;
258
             form.method = "get";
             form.onsubmit = httpOuerv;
             fs = d.node("div");
             fs.className = "ui form";
             header = d.node("div");
             header.innerHTML = query.prompt + " ";
264
             header.className = "ui dividing header";
             d.push(header, fs);
             for(var data of query.data) {
               /* ... add inputs ... */
             p = d.node("p");
270
             inp = d.node("input");
271
             inp.tvpe = "submit";
272
             inp.className = "ui mini submit button";
             d.push(inp, p, fs, form, segment, elm);
273
274
```

cj-client-3x.js

```
265
              for(var data of query.data) {
                p = d.input(
266
                    prompt:data.prompt,
268
                    name:data.name,
                    value:data.value,
270
271
                    required:data.required,
                    readOnly:data.readOnly,
272
                    pattern:data.pattern,
273
                    type:data.type,
274
275
                    max:data.max,
276
                    min:data.min,
                    maxlength:data.maxlength,
277
                    size:data.size,
278
279
                    step:data.step,
                    suggest:data.suggest
                  },
281
282
                  (g.cj.collection.related?g.cj.collection.related:null)
283
                );
                d.push(p,fs);
284
```



Queries

Complet	ed Tasks	
Complete	true	
Submit		
Active T:	neke	



Search By Title

Title

cj-client-4.js

```
elm = d.find("template");
         d.clear(elm);
         if(hasTemplate(g.cj.collection) === true) {
            coll = g.cj.collection.template.data;
           form = d.node("form");
           /* ... set add form ... */
           for(var data of coll) {
314
             p = d.input(
                  prompt:data.prompt+" ",
                 name:data.name,
                 value:data.value,
                 required:data.required,
319
                 readOnly:data.readOnly,
                  pattern:data.pattern,
                 type:data.type,
                 max:data.max,
324
                 min:data.min,
                 maxlength:data.maxlength,
                 size:data.size,
                 step:data.step,
                 cols:data.cols,
                 rows:data.rows,
                  suggest:data.suggest
                },
                (g.cj.collection.related?g.cj.collection.related:null)
             );
334
             d.push(p,fs);
```

cj-client-4x.js

```
307
         elm = d.find("template");
         d.clear(elm);
         if(hasTemplate(g.cj.collection)===true) {
309
           coll = g.cj.collection.template.data;
311
           form = d.node("form");
           form.action = g.cj.collection.href;
           form.method = "post";
313
           form.className = "add";
314
           form.onsubmit = httpPost;
315
           fs = d.node("div");
           fs.className = "ui form";
317
           header = d.node("div");
318
           header.className = "ui dividing header";
319
           header.innerHTML = g.cj.collection.template.prompt||"Add";
321
           d.push(header, fs);
322
           for(var data of coll) {
```

oleted Status

ons Title Tags	Assign User Mark Completed	Mark Active	Add Task
esting	7bhaho		Title
esting	nsions		Ŧ
Complete No	s testing		lags
			Complete No ▼
Submit			Submit