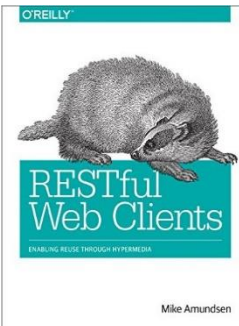


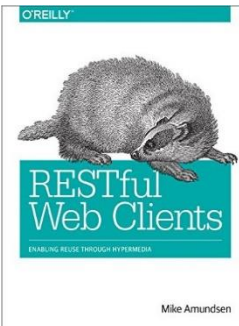
Exercise:

DORR Part #2



Add PUT and Cj Queries

- Implement PUT for the Task Resource
- Implement Queries for the Cj Representor



Add PUT and Cj Queries

- Implement PUT
- for the Task Resource

```
1 // handle update operation
2 function updateItem(req, res, respond, id) {
3   var body, doc, msg;
4
5   body = '';
6
7   // collect body
8   req.on('data', function(chunk) {
9     body += chunk;
10  });
11
12  // process body
13  req.on('end', function() {
14    try {
15      msg = utils.parseBody(body, req.headers["content-type"]);
16      doc = objects.task('update', id, msg);
17      if(doc && doc.type==='error') {
18        doc = utils.errorResponse(req, res, doc.message, doc.code);
19      }
20    }
21    catch (ex) {
22      doc = utils.errorResponse(req, res, 'Server Error', 500);
23    }
24
25    if (!doc) {
26      respond(req, res,
27        {code:303, doc:"", headers:{'location':'/'+req.headers.host+"/"}}
28      );
29    }
30    else {
31      respond(req, res, doc);
32    }
33  })
34 }
35
```

Add PUT and Cj Queries

Implement Queries
for the Cj
Representor

```
1 function getQueries(obj) {
2   var data, d, query, q, rtn, i, x, j, y;
3
4   rtn = [];
5   if(Array.isArray(obj) !== false) {
6     for(i=0,x=obj.length;i<x;i++) {
7       query = obj[i];
8       if(query.type==="safe" && query.inputs && Array.isArray(query.inputs)) {
9         q = {};
10        q.rel = query.rel.join(" ");
11        q.href = query.href.replace(/^\/\//, "http://") || "";
12        q.prompt = query.prompt || "";
13        data = [];
14        for(j=0,y=query.inputs.length;j<y;j++) {
15          d = query.inputs[j];
16          data.push({
17            name:d.name || "input"+j,
18            value:d.value || "",
19            prompt:d.prompt || d.name
20          });
21        }
22        q.data = data;
23        rtn.push(q);
24      }
25    }
26  }
27  return rtn;
28 }
29
```