```java
1
2  package acme.features.client.contract;
3
4  import java.util.Collection;
5
6  import org.springframework.beans.factory.annotation.Autowired;
7  import org.springframework.stereotype.Service;
8
9  import acme.client.data.models.Dataset;
10 import acme.client.services.AbstractService;
11 import acme.entities.contract.Contract;
12 import acme.roles.Client;
13
14 @Service
15 public class ClientContractListAllService extends AbstractService<Client,
   Contract> {
16
17     // Internal state
   ---------------------------------------------------
18
19     @Autowired
20     private ClientContractRepository repository;
21
22     // AbstractService interface
   ---------------------------------------------
23
24
25     @Override
26     public void authorise() {
27         super.getResponse().setAuthorised(super.getRequest().getPrincipal
   ().hasRole(Client.class));
28     }
29
30     @Override
31     public void load() {
32         int id = super.getRequest().getPrincipal().getActiveRoleId();
33         Collection<Contract> objects =
   this.repository.findAllContractsOfAClientById(id);
34         super.getBuffer().addData(objects);
35     }
36
37     @Override
38     public void unbind(final Contract object) {
39         assert object != null;
40
41         Dataset dataset;
42
43         dataset = super.unbind(object, "code", "moment", "providerName",
   "customerName", "budget", "goals", "project.title");
44
```

```
45          super.getResponse().addData(dataset);
46      }
47
48 }
49
```