

KRA Quali Research Administration : Exercise 5

This page last changed on Jan 25, 2008 by [bhutchinson](#).



Exercise 5:
Create and configure a service implementation.

Exercise Goal

At the end of this exercise, you should have the Sponsor Service implementation available, so that the DWR/Ajax functionality to populate the sponsor name based on a sponsor code will work.



The DWR/Ajax work has been done for you, and the Sponsor Service interface already exists.

Service Implementation

1. Create the `SponsorServiceImpl` class in the `org.kuali.kra.service.impl` package, making sure to implement the `org.kuali.kra.service.SponsorService` interface.
2. Include a private attribute reference to the `org.kuali.core.service.BusinessObjectService` along with corresponding setters and getters.
3. For the actual `getSponsorName` implementation, you can use the `BusinessObjectService` to retrieve a Sponsor by primary key (the passed in sponsor code) and then return the name from the sponsor; here's a partial code snippet

```
primaryKeys.put("sponsorCode", sponsorCode);  
Sponsor sponsor = (Sponsor)businessObjectService.findByPrimaryKey(Sponsor.class, primaryKeys);
```

Spring configuration

1. Create the bean mapping for the `SponsorService` in the `SpringBeans.xml`



Don't forget to include the property for the `businessObjectService` attribute.

Try it out

1. Start the webapp
2. Point your browser at <http://localhost:8080/kralite-dev>
3. If you enter a valid sponsor code and tab off the field, the sponsor name should be displayed.