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package cta.service;

import cta.Food;

import java.util.List;

import javax.ejb.Stateless;

import javax.persistence.EntityManager;

import javax.persistence.PersistenceContext;

import javax.persistence.Query;

import javax.ws.rs.Consumes;

import javax.ws.rs.DELETE;

import javax.ws.rs.GET;

import javax.ws.rs.POST;

import javax.ws.rs.PUT;

import javax.ws.rs.Path;

import javax.ws.rs.PathParam;

import javax.ws.rs.Produces;

import javax.ws.rs.core.MediaType;

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\* @author nafiy

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@Stateless

@Path("cta.food")

public class FoodFacadeREST extends AbstractFacade<Food> {

@PersistenceContext(unitName = "CalorieTrackerApplicationPU")

private EntityManager em;

public FoodFacadeREST() {

super(Food.class);

}

@POST

@Override

@Consumes({MediaType.APPLICATION\_XML, MediaType.APPLICATION\_JSON})

public void create(Food entity) {

super.create(entity);

}

@PUT

@Path("{id}")

@Consumes({MediaType.APPLICATION\_XML, MediaType.APPLICATION\_JSON})

public void edit(@PathParam("id") Short id, Food entity) {

super.edit(entity);

}

@DELETE

@Path("{id}")

public void remove(@PathParam("id") Short id) {

super.remove(super.find(id));

}

@GET

@Path("{id}")

@Produces({MediaType.APPLICATION\_XML, MediaType.APPLICATION\_JSON})

public Food find(@PathParam("id") Short id) {

return super.find(id);

}

@GET

@Override

@Produces({MediaType.APPLICATION\_XML, MediaType.APPLICATION\_JSON})

public List<Food> findAll() {

return super.findAll();

}

@GET

@Path("{from}/{to}")

@Produces({MediaType.APPLICATION\_XML, MediaType.APPLICATION\_JSON})

public List<Food> findRange(@PathParam("from") Integer from, @PathParam("to") Integer to) {

return super.findRange(new int[]{from, to});

}

@GET

@Path("count")

@Produces(MediaType.TEXT\_PLAIN)

public String countREST() {

return String.valueOf(super.count());

}

@Override

protected EntityManager getEntityManager() {

return em;

}

@GET

@Path("findByFoodName/{foodName}")

@Produces({"application/json"})

public List<Food> findByFoodName(@PathParam("foodName") String foodName) {

Query query = em.createNamedQuery("Food.findByFoodName");

query.setParameter("foodName", foodName);

return query.getResultList();

}

@GET

@Path("findByFoodCategory/{foodCategory}")

@Produces({"application/json"})

public List<Food> findByFoodCategory(@PathParam("foodCategory") String foodCategory) {

Query query = em.createNamedQuery("Food.findByFoodCategory");

query.setParameter("foodCategory", foodCategory);

return query.getResultList();

}

@GET

@Path("findByFoodCalorie/{foodCalorie}")

@Produces({"application/json"})

public List<Food> findByFoodCalorie(@PathParam("foodCalorie") Double foodCalorie) {

Query query = em.createNamedQuery("Food.findByFoodCalorie");

query.setParameter("foodCalorie", foodCalorie);

return query.getResultList();

}

@GET

@Path("findByFoodSeverunit/{foodSeverunit}")

@Produces({"application/json"})

public List<Food> findByFoodSeverunit(@PathParam("foodSeverunit") String foodSeverunit) {

Query query = em.createNamedQuery("Food.findByFoodSeverunit");

query.setParameter("foodSeverunit", foodSeverunit);

return query.getResultList();

}

@GET

@Path("findByFoodServeamount/{foodServeamount}")

@Produces({"application/json"})

public List<Food> findByFoodServeamount(@PathParam("foodServeamount") Double foodServeamount) {

Query query = em.createNamedQuery("Food.findByFoodServeamount");

query.setParameter("foodServeamount", foodServeamount);

return query.getResultList();

}

@GET

@Path("findByFoodFat/{foodFat}")

@Produces({"application/json"})

public List<Food> findByFoodFat(@PathParam("foodFat") Double foodFat) {

Query query = em.createNamedQuery("Food.findByFoodFat");

query.setParameter("foodFat", foodFat);

return query.getResultList();

}

}