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package com.restejemplo.controller;

import java.util.Optional;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.http.HttpStatus;
import org.springframework.http.ResponseEntity;
import org.springframework.web.bind.annotation.PathVariable;
import org.springframework.web.bind.annotation.RequestBody;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RequestMethod;
import org.springframework.web.bind.annotation.ResponseBody;
import org.springframework.web.bind.annotation.RestController;

import com.restejemplo.domain.Contacto;
import com.restejemplo.service.ContactoService;

@RestController
public class ContactoController {
    @Autowired
    private ContactoService contactoService;

    @RequestMapping(value="/contactos", method = RequestMethod.GET)
    public ResponseEntity<?> getContactos() {
        Iterable<Contacto> contactoList =
contactoService.getContactos();
        return new ResponseEntity<>(contactoList, HttpStatus.OK);
    }

    @RequestMapping(value="/contactos/{contactoId}", method =
RequestMethod.GET)
    public ResponseEntity<?> getContacto(@PathVariable long
contactoId) {
        Optional<Contacto> contacto =
contactoService.getContacto(contactoId);
        return new ResponseEntity<>(contacto, HttpStatus.OK);
    }

    @RequestMapping(value="/contactos", method = RequestMethod.POST)
    public ResponseEntity<?> addContacto(@RequestBody Contacto
contacto) {
        Contacto newContacto =
contactoService.addContacto(contacto);
        return new ResponseEntity<>(newContacto,
HttpStatus.CREATED);
    }
}

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    @RequestMapping(value = "/contactos/{contactoId}", method =
RequestMethod.PUT)
    public ResponseEntity<?> updateContacto(@PathVariable long
contactoId,

        @RequestBody Contacto contacto) {
        Contacto updatedContacto =
contactoService.updateContacto(contactoId, contacto);
        return new ResponseEntity<>(updatedContacto, HttpStatus.OK);
    }

    @RequestMapping(value = "/contactos/{contactoId}", method =
RequestMethod.DELETE)
    public ResponseEntity<?> deleteContacto(@PathVariable long
contactoId) {
        Optional<Contacto> contacto =
contactoService.getContacto(contactoId);
        contactoService.deleteContacto(contacto.get());
        return new ResponseEntity<>(HttpStatus.OK);
    }

    @RequestMapping(value = "/", method = RequestMethod.GET)
    public ResponseEntity<?> home() {
        return new ResponseEntity<>("Ejemplo de REST API",
HttpStatus.OK);
    }

    @RequestMapping("/contacto")
    @ResponseBody
    public String index() {
        return "Hola Contacto!!!";
    }
}

```