

```
class DistributorServiceInvoker {
    String BASE_URI = "http://distributor-network/distributor";

    public DistributorDto getDistributor(String
                                     distributorCode) {
        String resourceUri = BASE_URI +("/{distributorCode}";
        Map<String, Object> uriVariables = new HashMap<>();
        uriVariables.put("distributorCode", distributorCode);
        String endpointUrl = UriComponentBuilder
            .fromUriString(resourceUri)
            .uriVariables(uriVariables).build().toString();
        dto = restTemplate.
            getForObject(endpointUrl, DistributorDto.class);
        return dto;
    }
}
```

```
class InventoryManagementInvoker {
    String BASE_URI = "http://inventory-mgmt/inventory";
    public ProductDto getProduct(String modelNo) {
        String resourceUri = BASE_URI +("/{modelNo}";
        Map<String, Object> uriVariables = new HashMap<>();
        uriVariables.put("modelNo", modelNo);
        String endpointUrl= UriComponentBuilder
            .fromUriString(resourceUri).
            uriVariables(uriVariables).build().toString();
        dto = restTemplate.getForObject(endpointUrl,
ProductDto.class);
        return dto;
    }
}
```

```
@RestController
@RequestMapping("/distributor")
class DistributorService {
    @GetMapping(value="/{distributorCode}",
        produces = {MediaType.APPLICATION_JSON_VALUE})
    public Distributor
        getDistributor(@PathVariable("distributorCode")
            String distributorCode) {

        // business logic
        return distributor;
    }
}
```

```
@RestController
@RequestMapping("/inventory")
class InventoryManagmentService {
    @GetMapping(value="/{modelNo}",
        produces = {MediaType.APPLICATION_JSON_VALUE})
    public Product
        getProduct(@PathVariable("modelNo")
            String modelNo) {

        // business logic
        return product;
    }
}
```