

Spring CRM REST - Get Customers



Application Interaction

Application Interaction

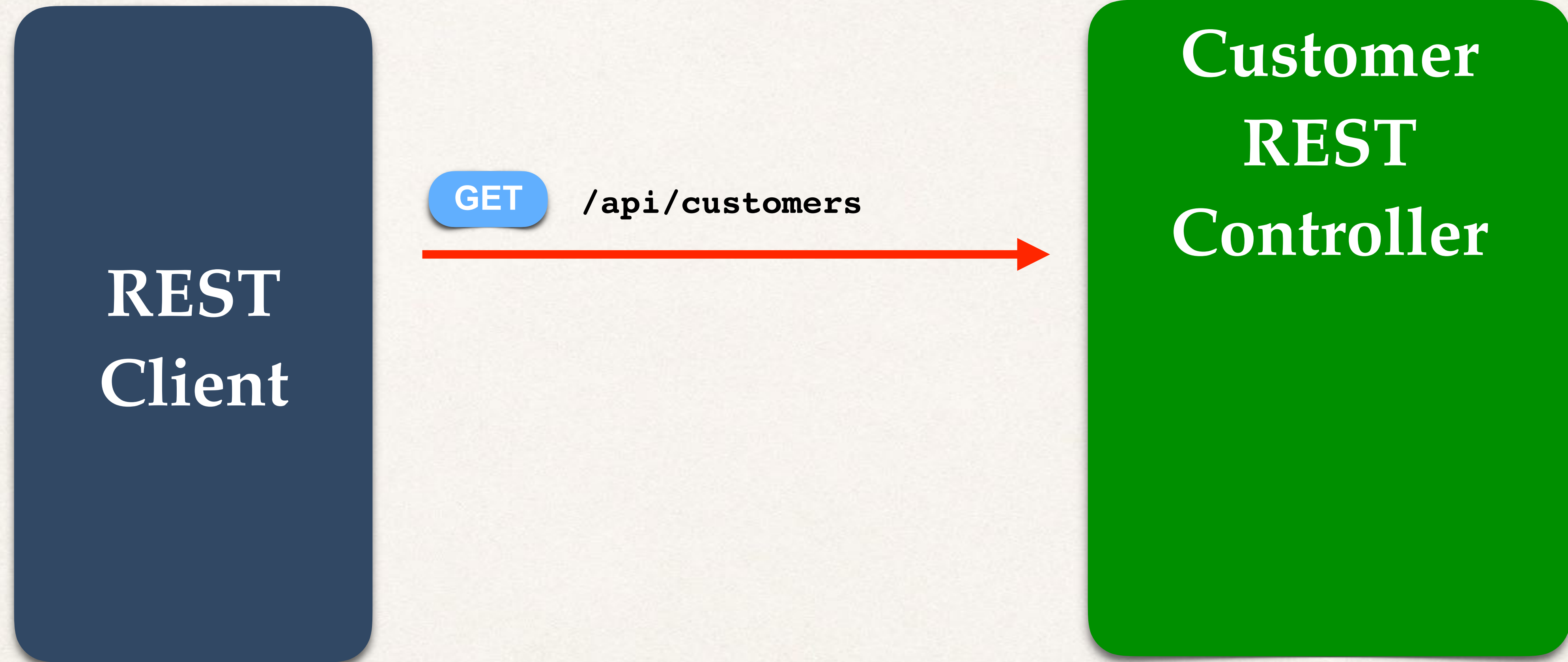
REST
Client

Application Interaction

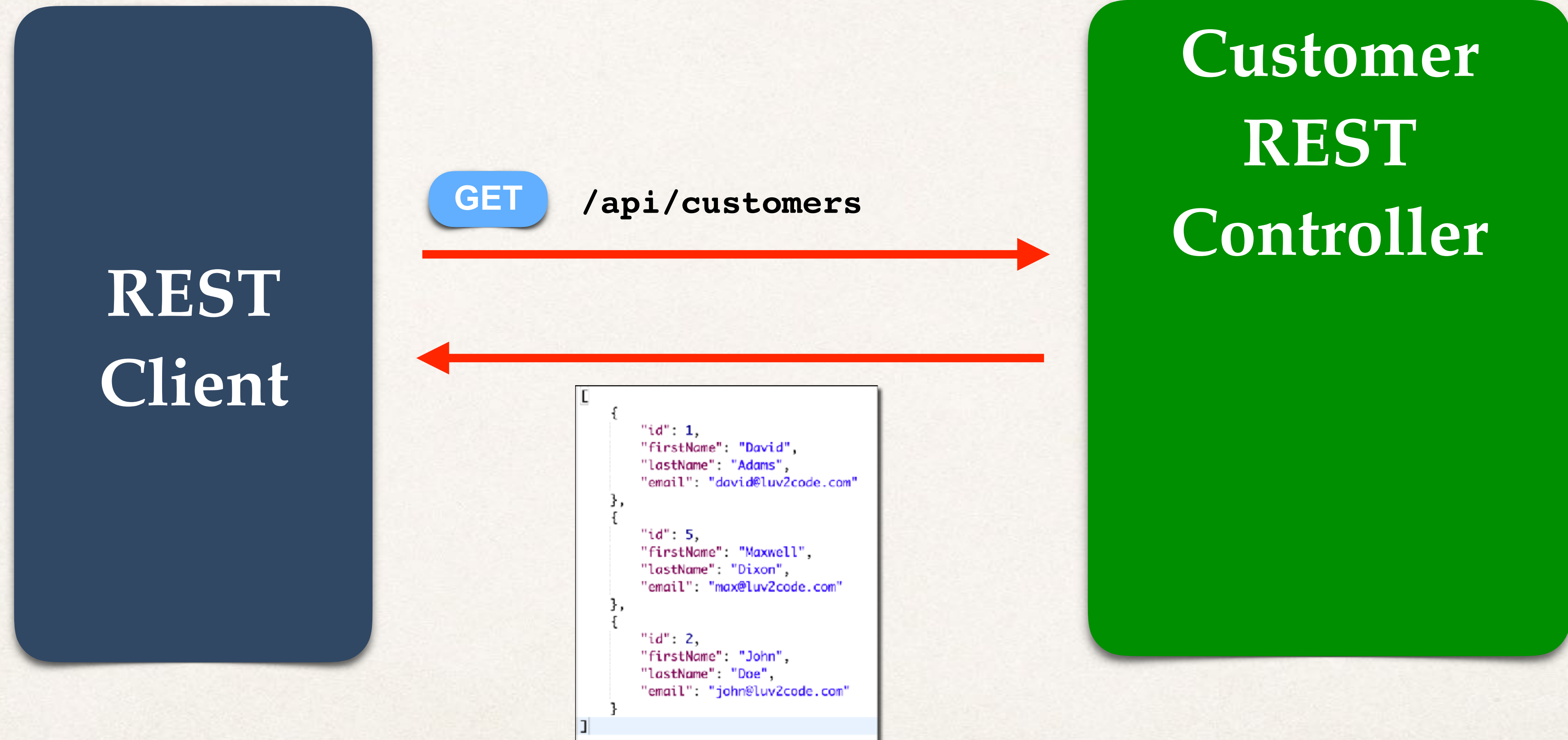
**REST
Client**

**Customer
REST
Controller**

Application Interaction



Application Interaction

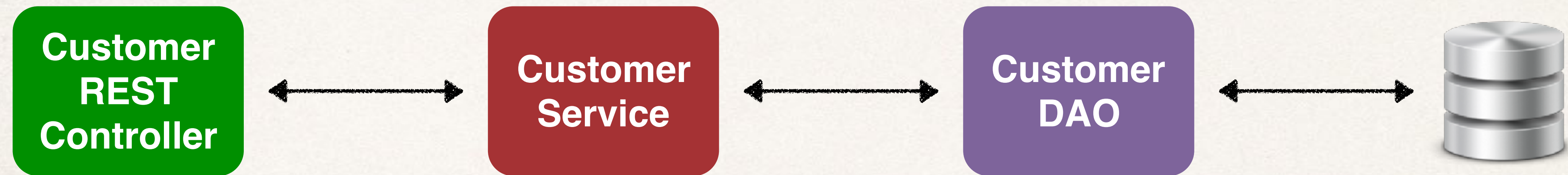


Application Architecture

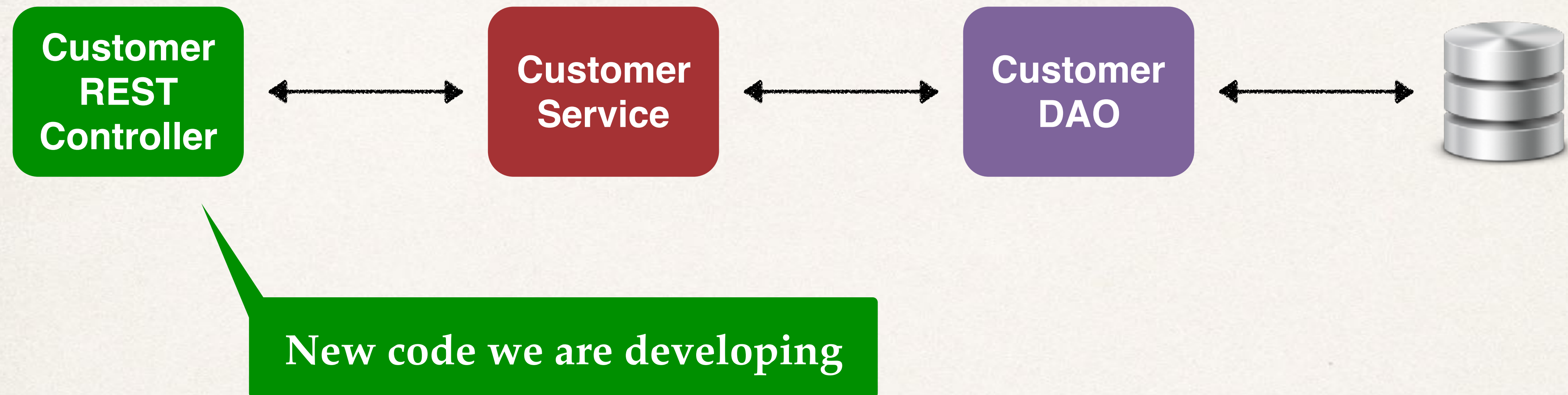
Application Architecture



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Development Process

Step-By-Step

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1. Create Customer REST Controller

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2. Autowire CustomerService

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Step-By-Step

1. Create Customer REST Controller
2. Autowire CustomerService
3. Add mapping for GET /customers

Step 1: Create Customer REST Controller

File: StudentRestController.java

```
@RestController
@RequestMapping("/api")
public class CustomerRestController {

}
}
```


Step 2: Autowire CustomerService

File: StudentRestController.java

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@RestController
@RequestMapping("/api")
public class CustomerRestController {

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Step 2: Autowire CustomerService

File: StudentRestController.java

```
@RestController
@RequestMapping("/api")
public class CustomerRestController {

    // autowire the CustomerService
    @Autowired
    private CustomerService customerService;

}
```


Step 3: Add mapping for GET /customers

File: StudentRestController.java

```
@RestController
@RequestMapping("/api")
public class CustomerRestController {

    // autowire the CustomerService
    @Autowired
    private CustomerService customerService;

}
```


Step 3: Add mapping for GET /customers

File: StudentRestController.java

```
@RestController
@RequestMapping("/api")
public class CustomerRestController {

    // autowire the CustomerService
    @Autowired
    private CustomerService customerService;

    // add mapping for GET /customers
    @GetMapping("/customers")
    public List<Customer> getCustomers() {

        return customerService.getCustomers();
    }
}
```