

# Web Development

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Produced  
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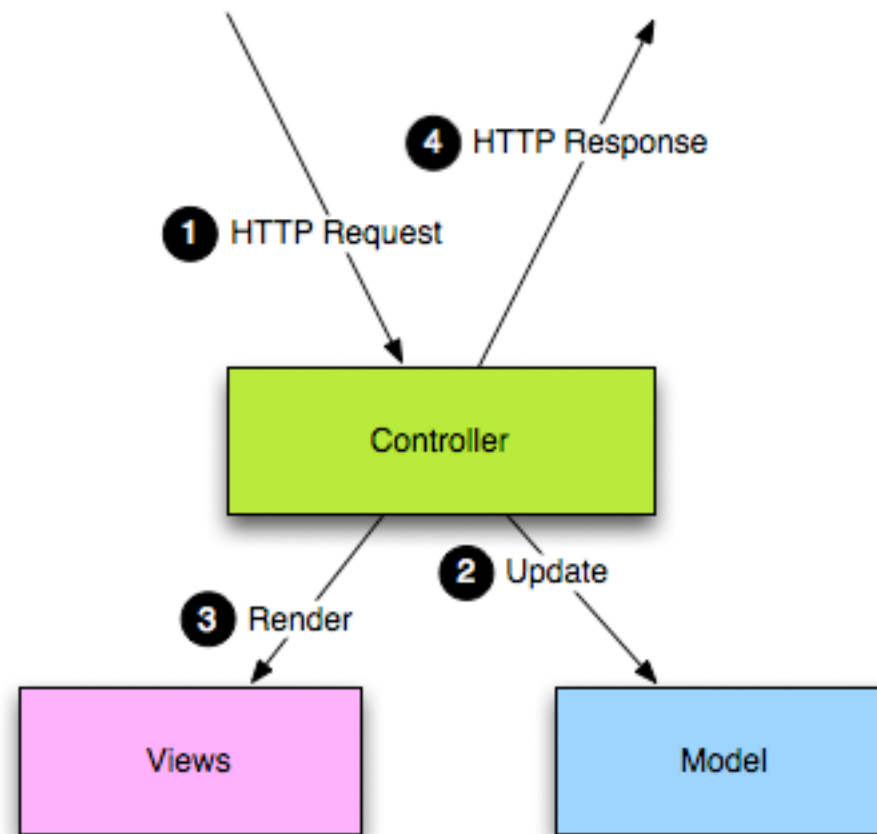


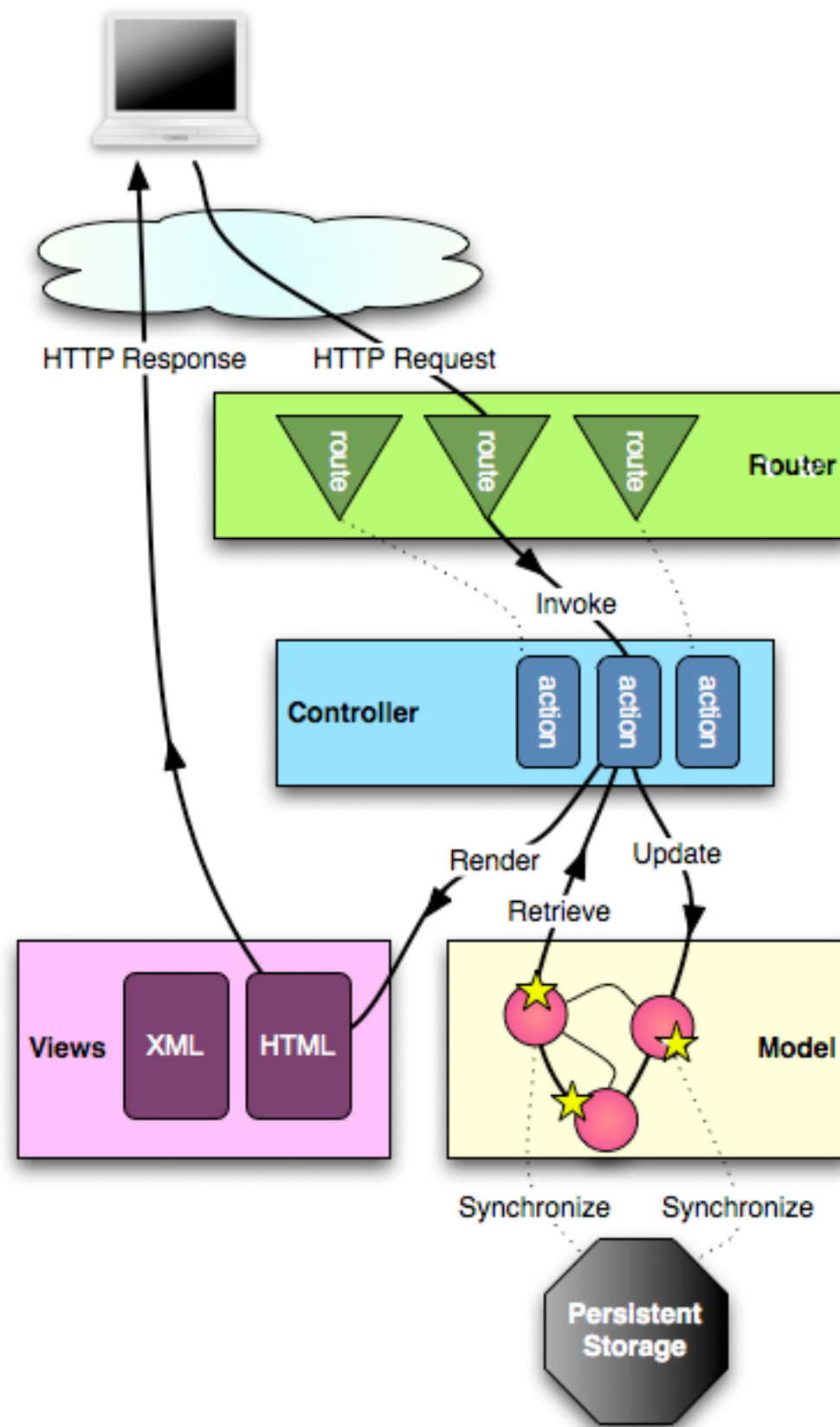
# Lab06 Exercises

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# HTTP Request/Response Cycle

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# Exercise 1

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- Change the Profile controller/view to display the currently logged in users full name (not just the first name).

```
public class Profile extends Controller
{
    public static void index()
    {
        String userId = session.get("logged_in_userid");
        User user = User.findById(Long.parseLong(userId));
        String name = user.firstName;
        render(name);
    }
    //...
}
```

controllers/Profile.java

```
...
    <h2>${name}'s Profile</h2>
...
```

views/Profile/index.html

# Exercise 1: Solution

---

```
public class Profile extends Controller
{
    public static void index()
    {
        String userId = session.get("logged_in_userid");
        User user = User.findById(Long.parseLong(userId));
        render(user);
    }
    //...
}
```

controllers/Profile.java

```
...
<h2>${user.firstName}
    ${user.lastName}'s Profile</h2>
...
```

views/Profile/index.html

## Exercise 2

---

- In the user Profile view, see if you can figure out how to let the user see his/her email.

```
...  
  <h2 class="ui header">${user.firstName} ${user.lastName}'s Profile </h2>  
...
```

views/Profile/index.html

# Exercise 2: Solution

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```
...  
<h2 class="ui header">${user.firstName} ${user.lastName}'s Profile (${user.email})</h2>  
...
```

views/Profile/index.html



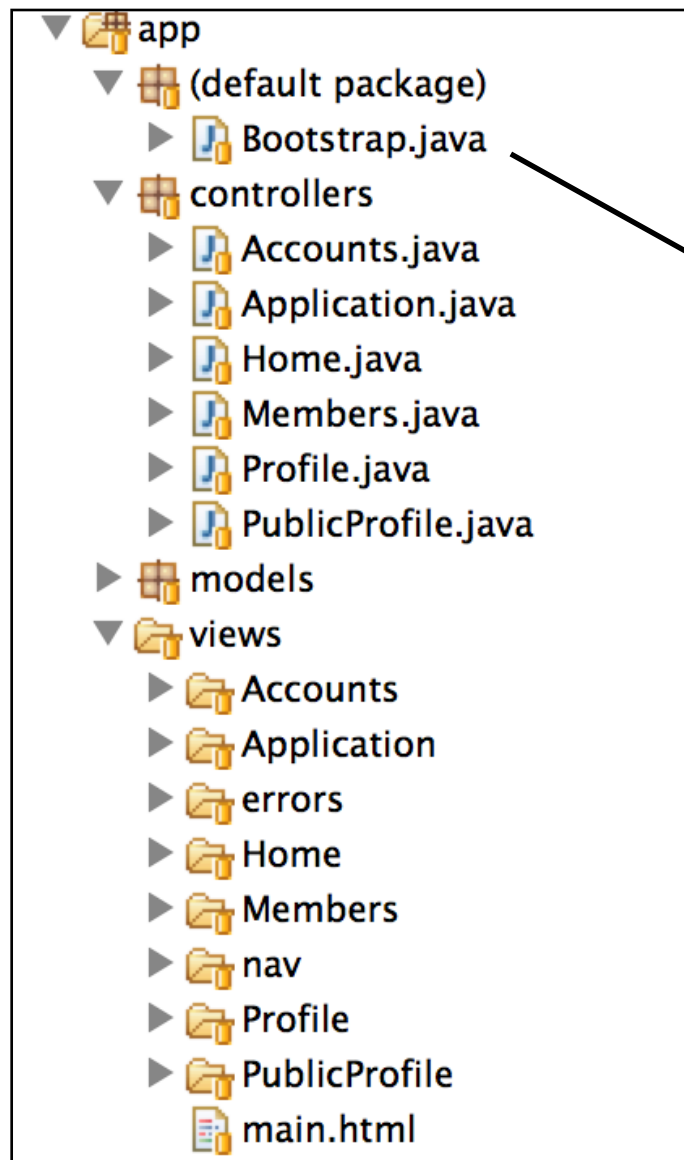
# Exercise 4

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- Currently, every time we stop the application our database is cleared - and when we run again we have to register new users again. This can get tiresome and repetitive.
- Our framework comes with a simple mechanism for pre-loading our database if we want to hit the ground running with initial test data

# Exercise 4: Solution

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```
import java.util.List;

import play.*;
import play.jobs.*;
import play.test.*;

import models.*;

@OnApplicationStart
public class Bootstrap extends Job
{
    public void doJob()
    {
        Fixtures.deleteDatabase();
        Fixtures.loadModels("data.yml");
    }
}
```

# Exercise 4: Solution

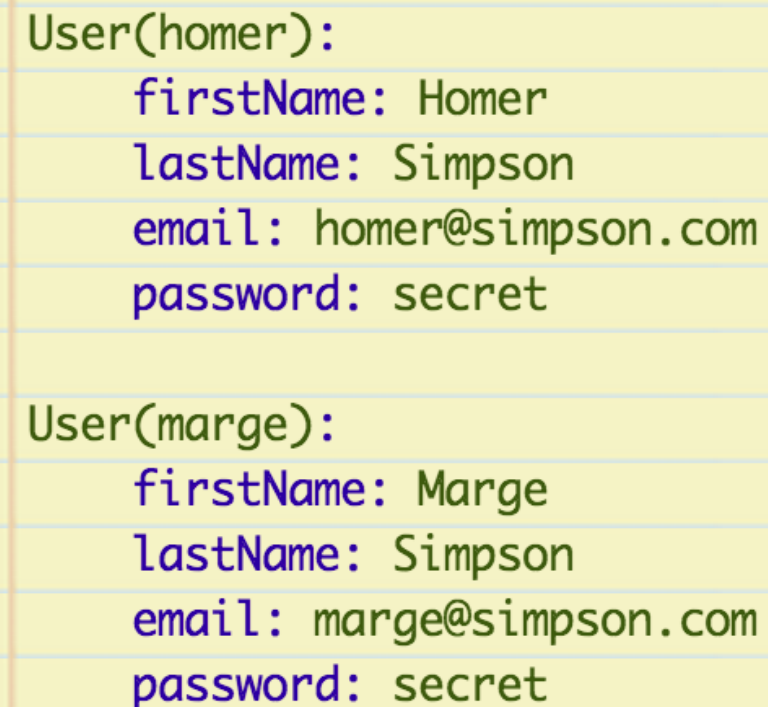
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```
import java.util.List;

import play.*;
import play.jobs.*;
import play.test.*;

import models.*;

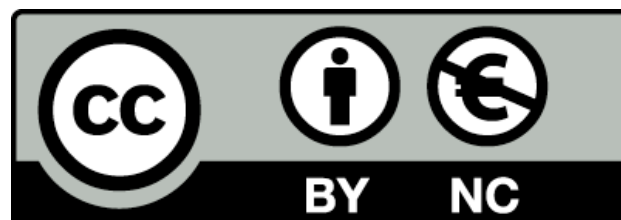
@OnApplicationStart
public class Bootstrap extends Job
{
    public void doJob()
    {
        Fixtures.deleteDatabase();
        Fixtures.loadModels("data.yml");
    }
}
```



User(homer):  
 firstName: Homer  
 lastName: Simpson  
 email: homer@simpson.com  
 password: secret

User(marge):  
 firstName: Marge  
 lastName: Simpson  
 email: marge@simpson.com  
 password: secret

- On startup, database populated with these users



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