

Upark

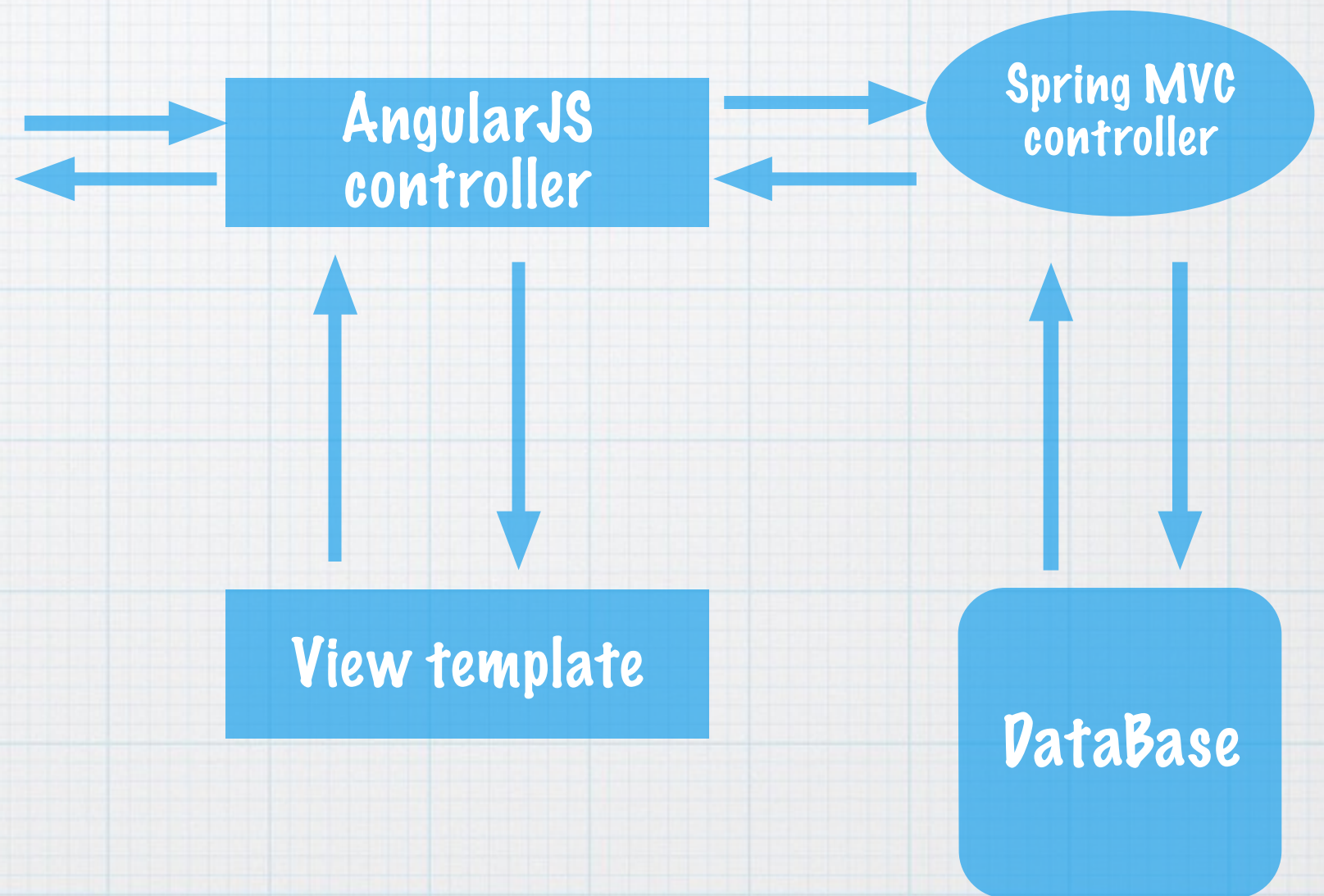
Find your perfect parking space

Iteration 2

- * backend development
- * security settings
- * quality assurance

backend development

- * Spring MVC
- * Hibernate

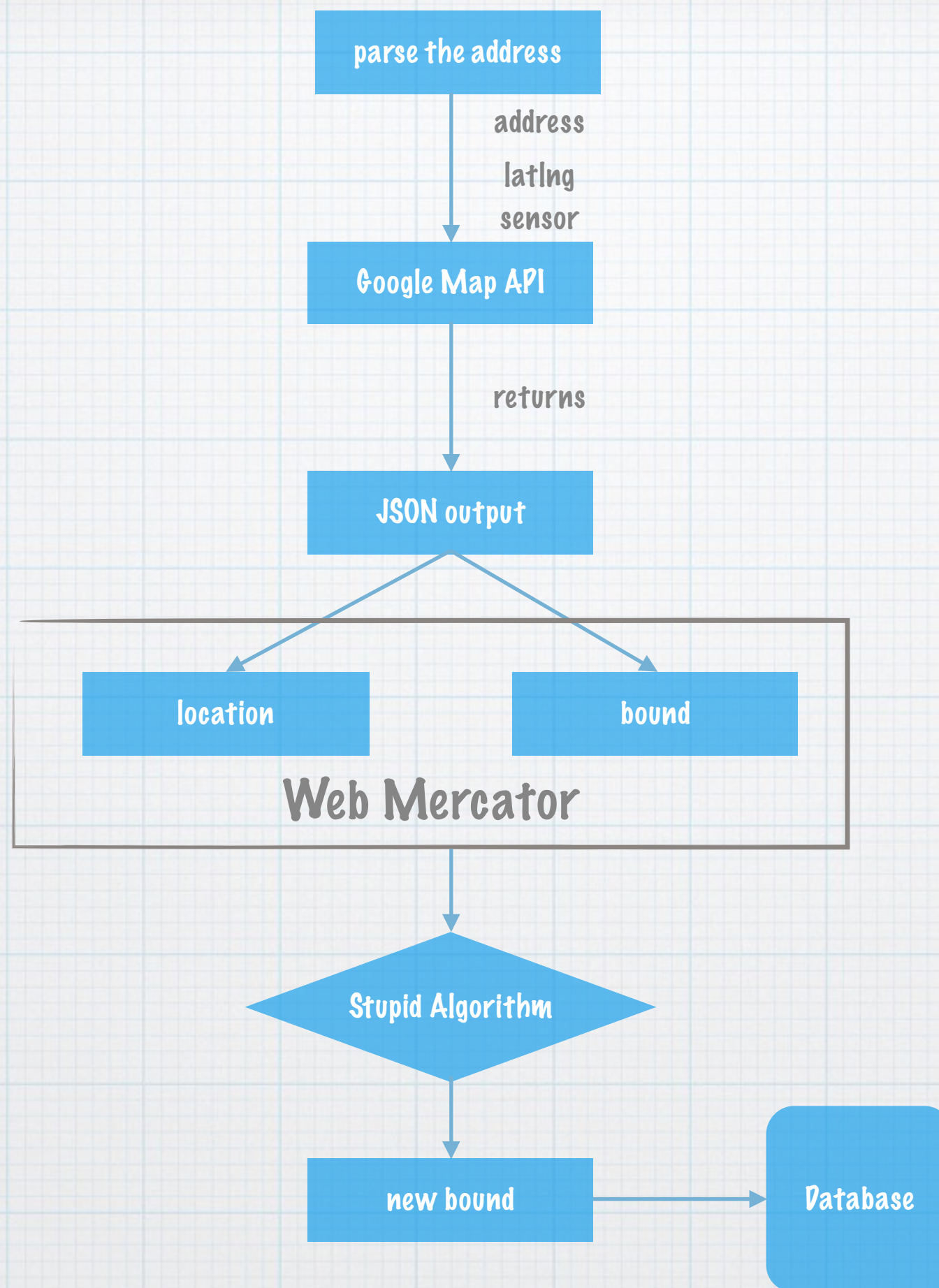


Spring MVC

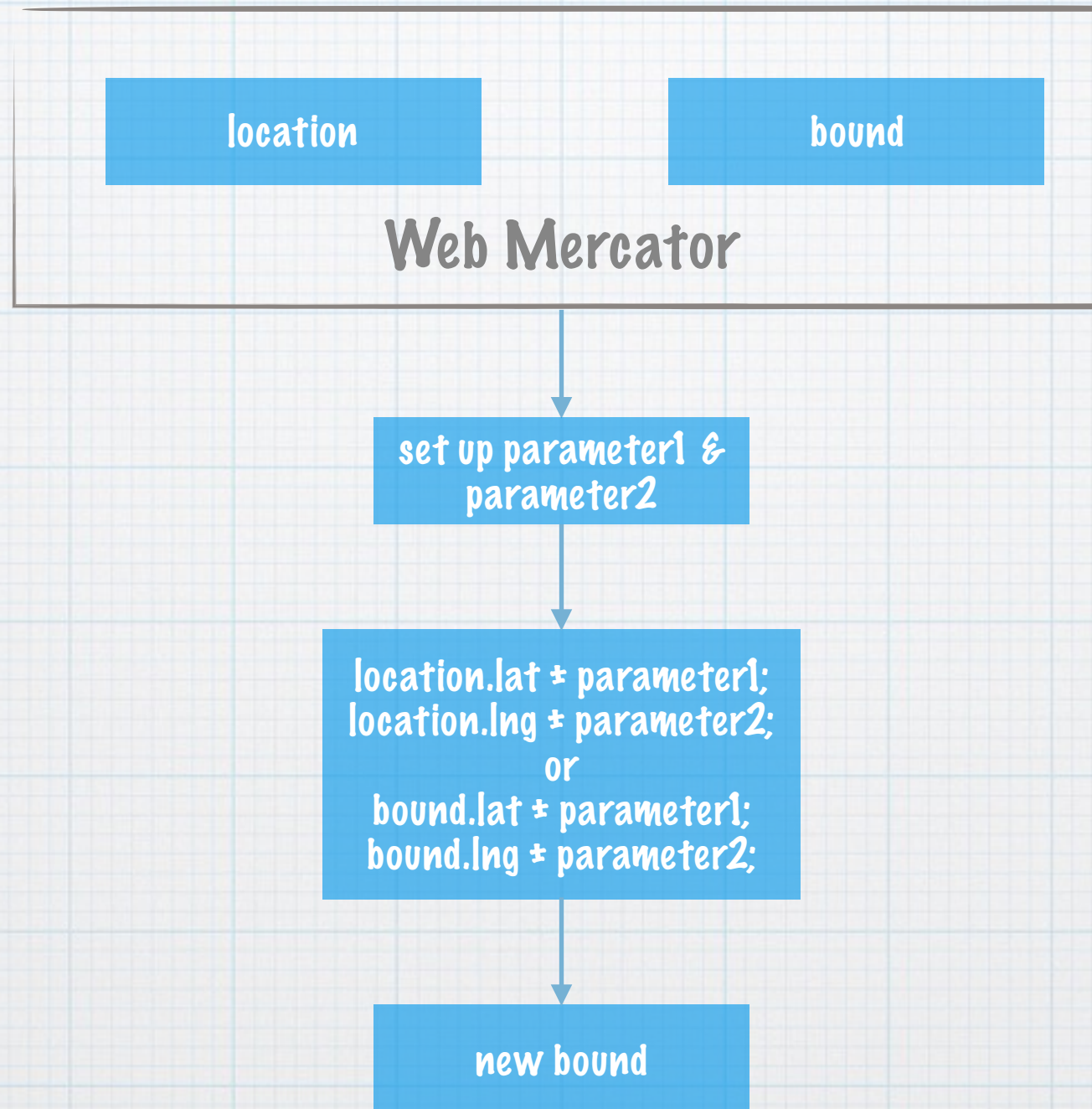
- * Use `org.springframework.web.servlet.view.InternalResourceViewResolver` as view resolver.
- * Any string returned by controller is the name of the html files. Each controller handles one webpage.

Hibernate

- * Interact with database.
- * automatically generate table in database when create a persistent entity class in springmvc.



Stupid Algorithm



SSL Configuration

- * Enable HTTPS in Tomcat
- * Use keytool command to generate server certificate
- * configure to listen on port

Error Log Sun Spots

Historical Data

Real Time Data

Management

Sunspot Details

Operations

Error Log

Error Log

[Tue Jan 11 17:32:52 2013] [error] [google 123.124.2.2] client denied by server: /export/home/Metro King/testdoc

[Tue Jan 11 17:32:52 2013] [error] [google 123.124.2.2] client denied by server: /export/home/Metro King/testdoc - no such file

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Project Management

- * Risk Management
 - * Schedule: lack of concrete schedules.
 - * Technical risks: project configuration (spring, etc)
- * One iteration left: fill in as many features as we can by following a concrete plan.

Quality Assurance

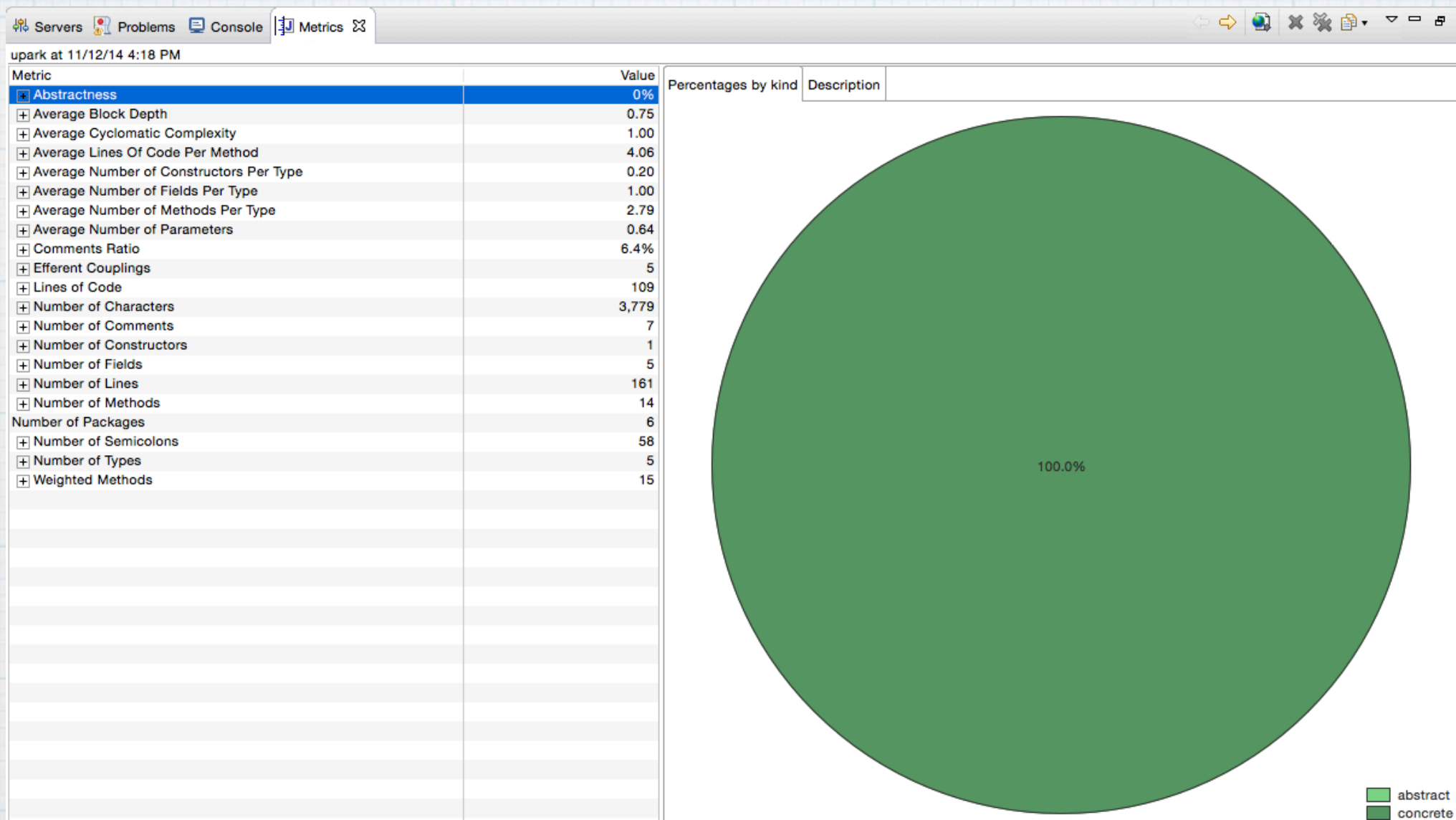
* Style: checkstyle plugin for Eclipse

```
1 package bu.edu.upark.entities;
2
3 import org.codehaus.jackson.annotate.JsonIgnoreProperties;
4
5
6 @JsonIgnoreProperties(ignoreUnknown = true)
7 public class User {
8     private String username;
9     private String password;
10
11
12     public User(String username, String password)
13     {
14         this.username = username;
15         this.password = password;
16     }
17
18     public String getUsername() {
19         return username;
20     }
21     public void setUsername(String username) {
22         this.username = username;
23     }
24     public String getPassword() {
25         return password;
26     }
27     public void setPassword(String password) {
28         this.password = password;
29     }
30 }
```


Quality Assurance

* Test cases

* Metrics: generated by Google CodePro



Demo