

## STATIC ANALYSIS

Java

Lines of code

155,418 (+7689)

Comments

20.4% (+0.5)

71.7% docum. API (+1.7)

2625 undoc. API (+8)

Duplications

8% (-0.6)

JavaScript

Lines of code

69,978 (+2355)

Comments

14.8% (+0.4)

Duplications

6.5% (-0.2)

Scala

Lines of code

14,360 (0)

Comments

20.3% (0)

11.4% docum. API (0)

2248 undoc. API (0)

Duplications

0% (0)

## TEST ANALYSIS

Java

Test coverage

39.9% (+0.5)

42.8% Line coverage (+0.2)

36.3% Branch coverage (+1)

Test success

100% (0)

6672 tests (+145)

2 failures (+1)

1 errors (0)

JavaScript

Test coverage

8.6% (+1.7)

7.8% Line coverage (+1.4)

14.6% Branch coverage (+3.4)

Test success

99.9% (-0.1)

1094 tests (+155)

1 failures (+1)

0 errors (0)

Scala

Test coverage

56.4% (0)

86.4% Line coverage (0)

45.6% Branch coverage (-0.1)

Test success

N/A

## CODING RULES VIOLATIONS

Java

Rules compliance

52.6% (+1)

29148 violations (+797)

1 blocker (0)

298 critical (+3)

22177 major (+658)

5602 minor (+118)

1070 info (+18)

JavaScript

Rules compliance

86.9% (+0.4)

3116 violations (+4)

3 blocker (0)

0 critical (0)

3013 major (+4)

100 minor (0)

0 info (0)

Scala

Rules compliance

100% (0)

0 violations (0)

0 blocker (0)

0 critical (0)

0 major (0)

0 minor (0)

0 info (0)

## PERFORMANCE

Average Throughput

+112.7%

118.6% hot rate

29.9% max rate

Average Memory

-4.0%

-3.2% max memory

Average CPU

+22.2%

15.7% max CPU

## DETAILED VIOLATION INFORMATION

### FileInputAdapterServiceWorker.java

```

334         event[o.index] = null;
335     } else if ((o.type.equals(o.type.INT) ||
336         event[o.index] = null;
337     } else {
338         event[o.index] = o.type.convert(lineItem.trim());
339     }
340 }
341 } catch (Exception e) {
342     e.printStackTrace();
343     System.out.println "[" + StringUtils.join(line, ",") + " ]");

```

**Correctness - Null value is guaranteed to be dereferenced**

lineItem could be null and is guaranteed to be dereferenced in  
com.feedzai.pulse.fileinputadapter.FileInputAdapterServiceWorker.processEvent(String[])

### admin.security.edit.roles.view.js

```

8 ],
9     function (Backbone, $, SecurityRoleModel, AdminSecurityEditView, globalModel,
10         "use strict";
11         var i, len;
12         return AdminSecurityEditView.extend({
13             _initialize: function () {
14                 this.modelName = 'role';
15                 this.klass = 'edit-role';
16                 this.collection = this.options.mainView.roles;

```

**Trailing comma**

Avoid trailing comma in array and object literals.

### jquery.flot.valuelabels.js

```

6  *
7  */
8  (function ($) {
9     var options = {
10         valueLabels: {
11             show: false,
12         };
13     };
14
15     function init(plot) {

```

**Trailing comma**

Avoid trailing comma in array and object literals.

### AdaptersAddEditView.js

```
15         select2Builder, _) {
16
17         "use strict";
18
19         return OwnableAddEditView.extend({
20             events: {
21                 'click #input-adapter-types .input-adapter-type': 'changeType',
22                 'click #adapter-specific-info input': 'highlightHelp',
23                 'click #adapter-specific-info textarea': 'highlightHelp',
24                 'click #adapter-specific-info select': 'highlightHelp',
```

### **Trailing comma**

Avoid trailing comma in array and object literals.