

MSAT Interface ?

Project Structure

▼ D:\varma\project\_alpha

> .idea

▼ src

▼ scripts\_module

XSSFilter.java

XSSScan.java

XSSRequestWrapper.java

Fixed ⓘ

Project: Alpha - (file\_path)/XSSRequestWrapper.java

```
// Avoid expression(...) expressions
scriptPattern = Pattern.compile("expression\\((.*?)\\)", Pattern.CASE_INSENSITIVE | Pattern.MULTILINE | Pattern.DOTALL);
value = scriptPattern.matcher(value).replaceAll("");

// Avoid javascript:... expressions
scriptPattern = Pattern.compile("javascript:", Pattern.CASE_INSENSITIVE);
value = scriptPattern.matcher(value).replaceAll("");

// Avoid vbscript:... expressions
scriptPattern = Pattern.compile("vbscript:", Pattern.CASE_INSENSITIVE);
value = scriptPattern.matcher(value).replaceAll("");

// Avoid onload= expressions
scriptPattern = Pattern.compile("onload\\.\\(\\.\\*\\)=", Pattern.CASE_INSENSITIVE | Pattern.MULTILINE | Pattern.DOTALL);
value = scriptPattern.matcher(value).replaceAll("");
}
return value;
}
}
```

[p1](#) [p2](#)

MSAT Interface ?

Project Structure

▼ D:\varma\project\_alpha

> .idea

▼ src

▼ scripts\_module

XSSFilter.java

XSSScan.java

XSSRequestWrapper.java

Fixed ⓘ

Project: Alpha - (file\_path)/XSSRequestWrapper.java

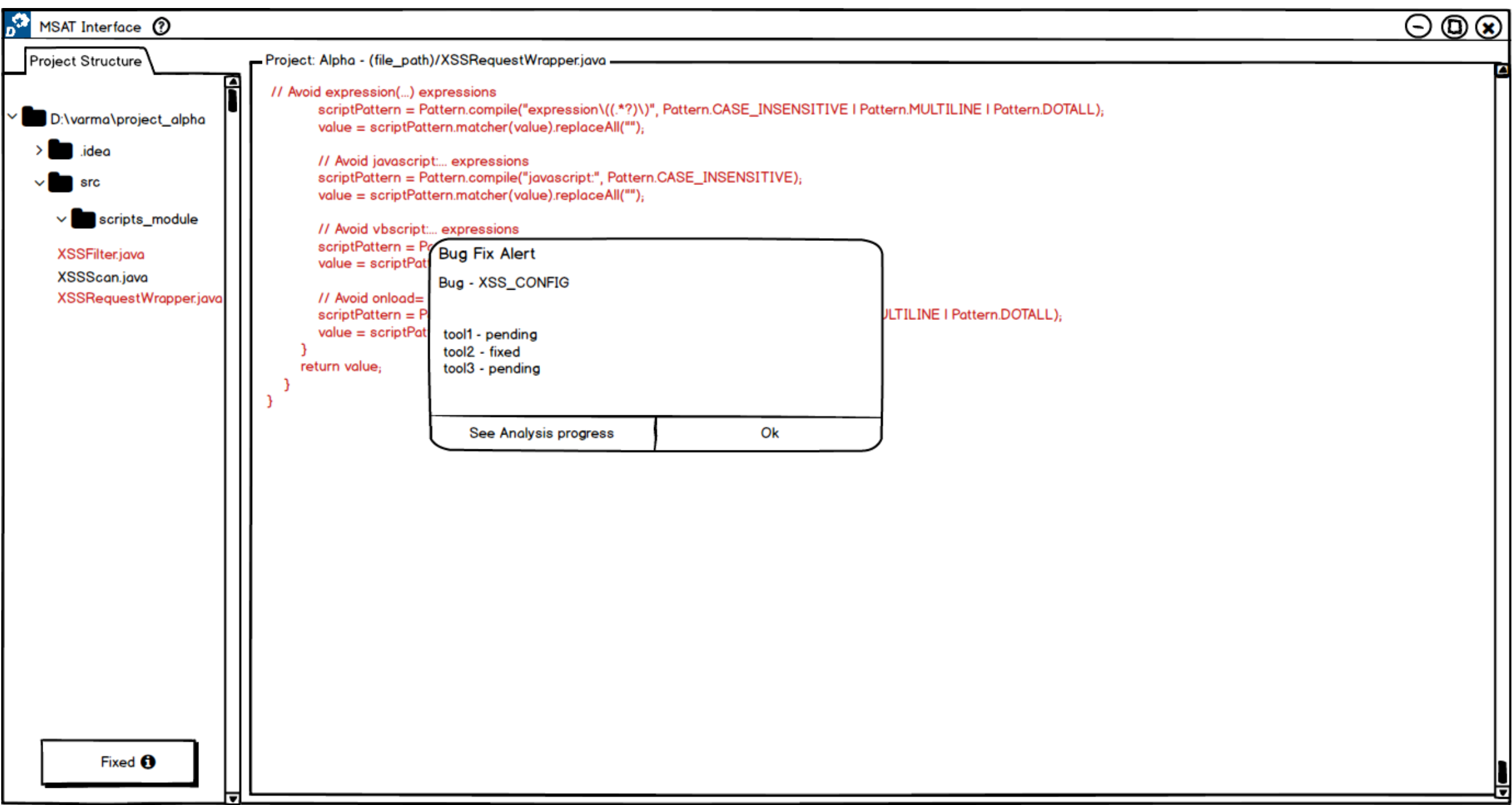
```
// Avoid expression(...) expressions
scriptPattern = Pattern.compile("expression\\((.*)\\)", Pattern.CASE_INSENSITIVE | Pattern.MULTILINE | Pattern.DOTALL);
value = scriptPattern.matcher(value).replaceAll("");

// Avoid javascript:... expressions
scriptPattern = Pattern.compile("javascript:", Pattern.CASE_INSENSITIVE);
value = scriptPattern.matcher(value).replaceAll("");

// Avoid vbscript:... expressions
scriptPattern = Pattern.compile("vbscript:", Pattern.CASE_INSENSITIVE);
value = scriptPattern.matcher(value).replaceAll("");

// Avoid onload= expressions
scriptPattern = Pattern.compile("onload\\.(.*)=", Pattern.CASE_INSENSITIVE | Pattern.MULTILINE | Pattern.DOTALL);
value = scriptPattern.matcher(value).replaceAll("");
}
return value;
}
}
```

[p1](#) [p2](#)



Project Structure

- ▼ D:\varma\project\_alpha
  - > .idea
  - ▼ src
    - ▼ scripts\_module
- XSSFilter.java
- XSSScan.java
- XSSRequestWrapper.java

Project: Alpha - (file\_path)/XSSRequestWrapper.java

```
// Avoid expression(...) expressions
scriptPattern = Pattern.compile("expression\\((.*)?\\)", Pattern.CASE_INSENSITIVE | Pattern.MULTILINE | Pattern.DOTALL);
value = scriptPattern.matcher(value).replaceAll("");

// Avoid javascript:... expressions
scriptPattern = Pattern.compile("javascript:", Pattern.CASE_INSENSITIVE);
value = scriptPattern.matcher(value).replaceAll("");

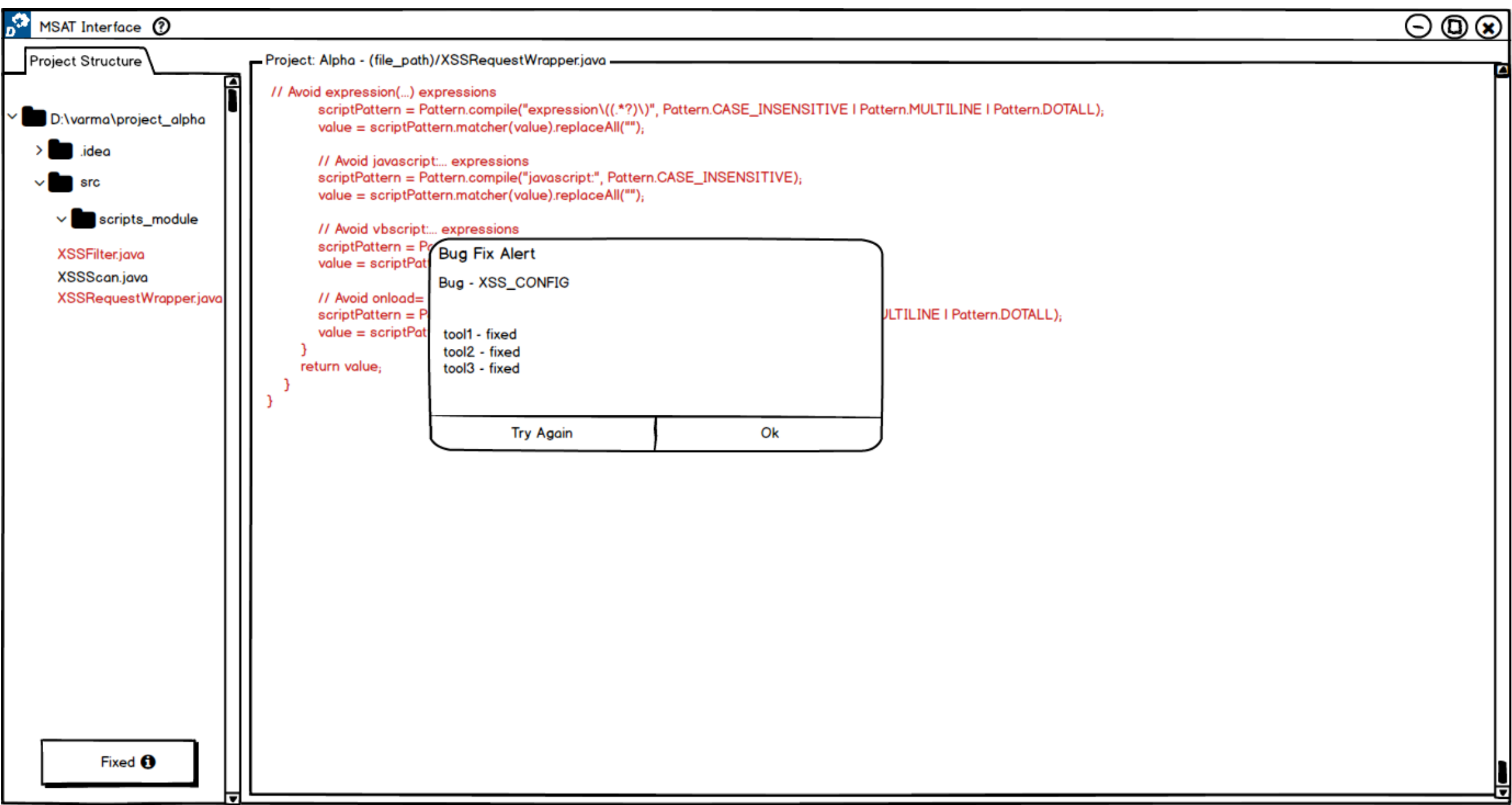
// Avoid vbscript:... expressions
scriptPattern = Pattern.compile("vbscript:", Pattern.CASE_INSENSITIVE);
value = scriptPattern.matcher(value).replaceAll("");

// Avoid onload=
scriptPattern = Pattern.compile("onload=", Pattern.CASE_INSENSITIVE);
value = scriptPattern.matcher(value).replaceAll("");

return value;
}
```

**Bug Fix Alert**  
Bug - XSS\_CONFIG  
  
tool1 - pending  
tool2 - fixed  
tool3 - pending

See Analysis progressOk



Project Structure

- ▼ D:\varma\project\_alpha
  - > .idea
  - ▼ src
    - ▼ scripts\_module
- XSSFilter.java
- XSSScan.java
- XSSRequestWrapper.java

Project: Alpha - (file\_path)/XSSRequestWrapper.java

```
// Avoid expression(...) expressions
scriptPattern = Pattern.compile("expression\\((.*)?\\)", Pattern.CASE_INSENSITIVE | Pattern.MULTILINE | Pattern.DOTALL);
value = scriptPattern.matcher(value).replaceAll("");

// Avoid javascript:... expressions
scriptPattern = Pattern.compile("javascript:", Pattern.CASE_INSENSITIVE);
value = scriptPattern.matcher(value).replaceAll("");

// Avoid vbscript:... expressions
scriptPattern = Pattern.compile("vbscript:", Pattern.CASE_INSENSITIVE);
value = scriptPattern.matcher(value).replaceAll("");

// Avoid onload= expressions
scriptPattern = Pattern.compile("onload=", Pattern.CASE_INSENSITIVE);
value = scriptPattern.matcher(value).replaceAll("");

return value;
}
```

Bug Fix Alert

Bug - XSS\_CONFIG

tool1 - fixed  
tool2 - fixed  
tool3 - fixed

Try Again

Ok

Fixed ⓘ

MSAT Interface

Project: Alpha

S. No.	Name (Bug title)	Tool	Type	Fix Location	Assignee
1	XSS_CONFIG		XSS	12.4 XSSFILTER.java	Varma
2	EQ_CHECK		EQ	6.3 LoopHelper.java	Max
3	SQL_CONSTANT		SQL	3.5 DatabaseInsert.java	Elina
4	CO_SELF		CO	11.2 StringComparer.java	Un-assigned
5	XSS_REQUEST		XSS	5.4 HttpSender.java	John
6	DMI_EMPTY		DM	3.3 DatabaseHelper.java	Elina
7	BC_EQUALS		BC	2.4HttpReceiver.java	Tom
8	BIT_CHECK		BIT	3.3 NetworkConnect.java	John
9	CN_CLONE		CN	6.7 CloneMessage.java	Max
10	DE_EXCEPTION		DE	2.2 StringPlacer.java	Elina
11	DMI_RANDOM		DMI	3.7 DatabaseConnect.java	Elina
12	EQ_EQUALS		EQ	1.3 StringCheck.java	John
13	IJU_TEST		IJU	9.3 DatabaseTest.java	John
14	IL_LOOP		IL	7.2 FormValidate.java	Tom
15	CI_FINAL		CI	1.6 MessageSender.java	Max

Analysis Progress

Filters

Tool

☒ tool1

☒ tool2

☒ tool3

☒ tool4

☒ tool5

☒ tool6

☒ tool7

☒ tool8

☒ tool9

☒ tool10

Bugs

☐ My Bugs
















☒ All Bugs

Vulnerability Type


☐ SQL Injection


MSAT Interface ?

Project: Alpha

S. No.	Name (Bug title)	Tool	Type	Fix Location	Assignee
1	XSS_CONFIG		XSS	12.4 XSSFILTER.java	Varma
2	EQ_CHECK		EQ	6.3 LoopHelper.java	Max
3	SQL_CONSTANT		SQL	3.5 DatabaseInsert.java	Elina
4	CO_SELF		CO	11.2 StringComparer.java	Un-assigned
5	XSS_REQUEST		XSS	5.4 HttpSender.java	John
6	DMI_EMPTY		DM	3.3 DatabaseHelper.java	Elina
7	BC_EQUALS		BC	2.4HttpReceiver.java	Tom
8	BIT_CHECK		BIT	3.3 NetworkConnect.java	John
9	CN_CLONE		CN	6.7 CloneMessage.java	Max
10	DE_EXCEPTION		DE	2.2 StringPlacer.java	Elina
11	DMI_RANDOM		DMI	3.7 DatabaseConnect.java	Elina
12	EQ_EQUALS		EQ	1.3 StringCheck.java	John
13	IJU_TEST		IJU	9.3 DatabaseTest.java	John
14	IL_LOOP		IL	7.2 FormValidate.java	Tom
15	CI_FINAL		CI	1.6 MessageSender.java	Max

Analysis Progress





Filters

Tool

☒ tool1

☒ tool2

☒ tool3

☒ tool4

☒ tool5











☒ tool6

☒ tool7

☒ tool8

☒ tool9

☒ tool10



Bugs

☐ My Bugs

☒ All Bugs

Vulnerability Type

☐ SQL Injection

MSAT Interface ?

Project: Alpha

S. No.	Name (Bug title)	Tool	Type	Fix Location	Assignee
1	XSS_CONFIG		XSS	12.4 XSSFILTER.java	Varma
2	EQ_CHECK		EQ	6.3 LoopHelper.java	Max
3	SQL_CONSTANT		SQL	3.5 DatabaseInsert.java	Elina
4	CO_SELF		CO	11.2 StringComparer.java	Un-assigned
5	XSS_REQUEST		XSS	5.4 HttpSender.java	John
6	DMI_EMPTY		DM	3.3 DatabaseHelper.java	Elina
7	BC_EQUALS		BC	2.4HttpReceiver.java	Tom
8	BIT_CHECK		BIT	3.3 NetworkConnect.java	John
9	CN_CLONE		CN	6.7 CloneMessage.java	Max
10	DE_EXCEPTION		DE	2.2 StringPlacer.java	Elina
11	DMI_RANDOM		DMI	3.7 DatabaseConnect.java	Elina
12	EQ_EQUALS		EQ	1.3 StringCheck.java	John
13	IJU_TEST		IJU	9.3 DatabaseTest.java	John
14	IL_LOOP		IL	7.2 FormValidate.java	Tom
15	CI_FINAL		CI	1.6 MessageSender.java	Max

Analysis Progress

Filters

Tool

☒ tool1

☒ tool2

☒ tool3

☒ tool4

☒ tool5

☒ tool6

☒ tool7

☒ tool8

☒ tool9

☒ tool10

Bugs

☐ My Bugs

☒ All Bugs

Vulnerability Type

☐ SQL Injection

MSAT Interface

Project: Alpha

S. No.	Name (Bug title)	Tool	Type	Fix Location	Assignee
1	XSS_CONFIG		XSS	12.4 XSSFILTER.java	Varma
2	EQ_CHECK		EQ	6.3 LoopHelper.java	Max
3	SQL_CONSTANT		SQL	3.5 DatabaseInsert.java	Elina
4	CO_SELF		CO	11.2 StringComparer.java	Un-assigned
5	XSS_REQUEST		XSS	5.4 HttpSender.java	John
6	DMI_EMPTY		DM	3.3 DatabaseHelper.java	Elina
7	BC_EQUALS		BC	2.4HttpReceiver.java	Tom
8	BIT_CHECK		BIT	3.3 NetworkConnect.java	John
9	CN_CLONE		CN	6.7 CloneMessage.java	Max
10	DE_EXCEPTION		DE	2.2 StringPlacer.java	Elina
11	DMI_RANDOM		DMI	3.7 DatabaseConnect.java	Elina
12	EQ_EQUALS		EQ	1.3 StringCheck.java	John
13	IJU_TEST		IJU	9.3 DatabaseTest.java	John
14	IL_LOOP		IL	7.2 FormValidate.java	Tom
15	CI_FINAL		CI	1.6 MessageSender.java	Max

Analysis Progress

Filters

Tool

☒ tool1

☒ tool2

☒ tool3

☒ tool4

☒ tool5

☒ tool6

☒ tool7

☒ tool8

☒ tool9

☒ tool10

Bugs

☐ My Bugs

☒ All Bugs

Vulnerability Type

☐ SQL Injection



MSAT Interface

Project: Alpha

S. No.	Name (Bug title)	Tool	Type	Fix Location	Assignee
1	XSS_CONFIG		XSS	12.4 XSSFILTER.java	Varma
2	EQ_CHECK		EQ	6.3 LoopHelper.java	Max
3	SQL_CONSTANT		SQL	3.5 DatabaseInsert.java	Elina
4	CO_SELF		CO	11.2 StringComparer.java	Un-assigned
5	XSS_REQUEST		XSS	5.4 HttpSender.java	John
6	DMI_EMPTY		DM	3.3 DatabaseHelper.java	Elina
7	BC_EQUALS		BC	2.4HttpReceiver.java	Tom
8	BIT_CHECK		BIT	3.3 NetworkConnect.java	John
9	CN_CLONE		CN	6.7 CloneMessage.java	Max
10	DE_EXCEPTION		DE	2.2 StringPlacer.java	Elina
11	DMI_RANDOM		DMI	3.7 DatabaseConnect.java	Elina
12	EQ_EQUALS		EQ	1.3 StringCheck.java	John
13	IJU_TEST		IJU	9.3 DatabaseTest.java	John
14	IL_LOOP		IL	7.2 FormValidate.java	Tom
15	CI_FINAL		CI	1.6 MessageSender.java	Max

Analysis Progress

Filters

Tool

☒ tool1

☒ tool2

☒ tool3

☒ tool4

☒ tool5

☒ tool6

☒ tool7

☒ tool8

☒ tool9

☒ tool10

Bugs

☐ My Bugs

☒ All Bugs

Vulnerability Type

☐ SQL Injection


S. No.	Name (Bug title)	Tool	Type	Fix Location	Assignee
1	XSS_CONFIG		XSS	12.4 XSSFILTER.java	Varma
2	EQ_CHECK		EQ	6.3 LoopHelper.java	Max
3	SQL_CONSTANT		SQL	3.5 DatabaseInsert.java	Elina
4	CO_SELF		CO	11.2 StringComparer.java	Un-assigned
5	XSS_REQUEST		XSS	5.4 HttpSender.java	John
6	DMI_EMPTY		DM	3.3 DatabaseHelper.java	Elina
7	BC_EQUALS		BC	2.4HttpReceiver.java	Tom
8	BIT_CHECK		BIT	3.3 NetworkConnect.java	John
9	CN_CLONE		CN	6.7 CloneMessage.java	Max
10	DE_EXCEPTION		DE	2.2 StringPlacer.java	Elina
11	DMI_RANDOM		DMI	3.7 DatabaseConnect.java	Elina
12	EQ_EQUALS		EQ	1.3 StringCheck.java	John
13	IJU_TEST		IJU	9.3 DatabaseTest.java	John
14	IL_LOOP		IL	7.2 FormValidate.java	Tom
15	CI_FINAL		CI	1.6 MessageSender.java	Max

Analysis Progress




Tool


☒ tool1




☒ tool2




☒ tool3




☒ tool4




☒ tool5




☒ tool6




☒ tool7




☒ tool8



☒ tool9



☒ tool10



Bugs

☐ My Bugs

☒ All Bugs

Vulnerability Type

☐ SQL Injection

## Filters

Tool	
<input checked="" type="checkbox"/> tool1	
<input checked="" type="checkbox"/> tool2	
<input checked="" type="checkbox"/> tool3	
<input checked="" type="checkbox"/> tool4	
<input checked="" type="checkbox"/> tool5	
<input checked="" type="checkbox"/> tool6	
<input checked="" type="checkbox"/> tool7	
<input checked="" type="checkbox"/> tool8	
<input checked="" type="checkbox"/> tool9	
<input checked="" type="checkbox"/> tool10	

## Bugs

Fix Now

[Know More](#)

My Bugs

☒ All Bugs

### Vulnerability Type

☐ SQL Injection