

## Team Learning Session Meeting Notes:

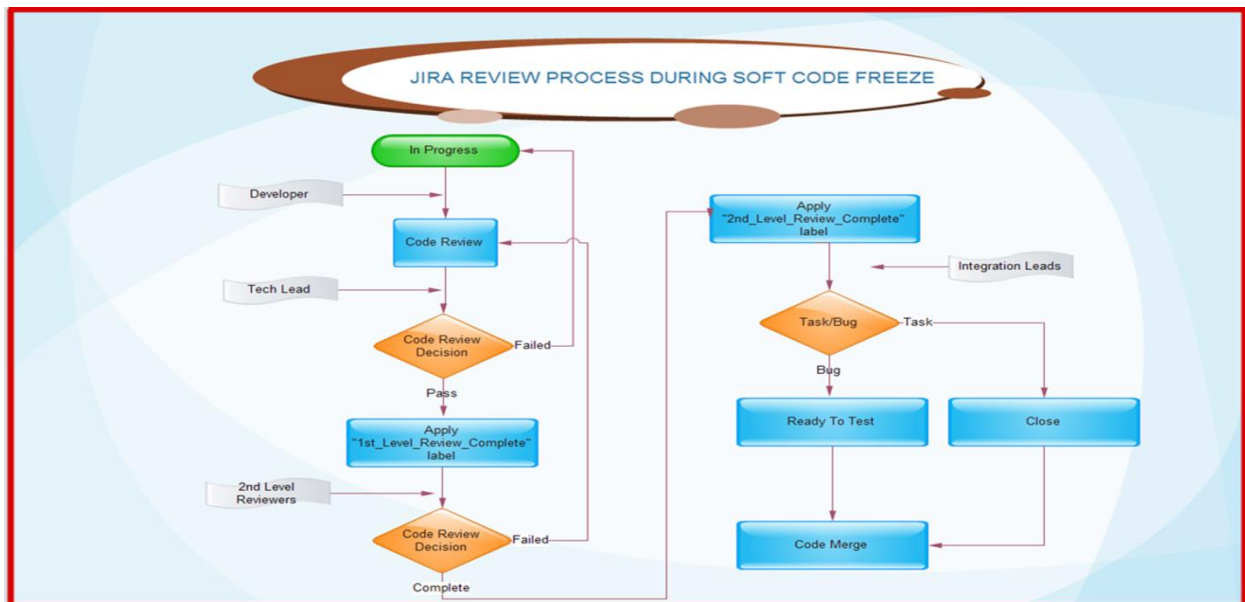
### TOPICS DISCUSSED:

S.NO	Topic
1	JIRA review process during soft code freeze
2	Simulate Channel Secure login in local
3	Java Simon
4	Other important info

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Document Version	1.0

### JIRA Review process during Soft code Freeze

- Here is the **high level** picture of the review process during soft code freeze only.



- Also refer to this link on wiki to know more about Code Reviews.  
<http://t01drw2510.dsm.tic.wellsfargo.com:8090/display/APL/Code+Review+Checklist?src=search>  
[h](#)

## Simulate login through Channel Secure in local

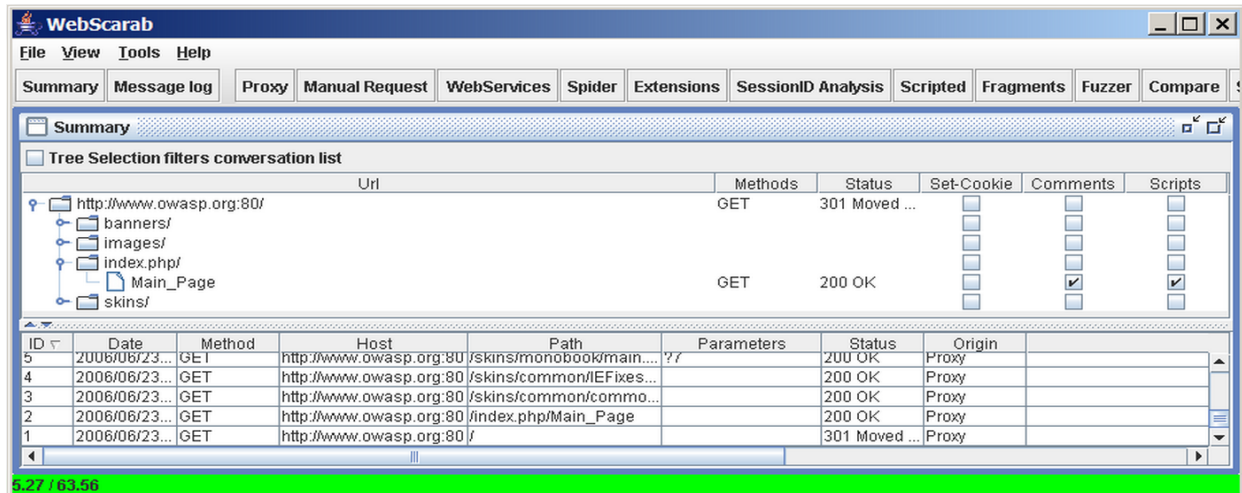
- By using WebScarab tool, possibly Fiddler- one can replicate Channel Secure login in local.
- Here is the link to download and know more about the tool:  
[https://www.owasp.org/index.php/Category:OWASP\\_WebScarab\\_Project](https://www.owasp.org/index.php/Category:OWASP_WebScarab_Project)
- Here are the settings/instructions to be followed to simulate as if login through Channel Secure using WebScarab tool.

### **WebScarab Proxy**

1. Start webscarab (java -jar webscarab.jar)
2. Goto Proxy tab
3. Check Intercept requests checkbox
4. In Include Paths matching specify \*.LoginServlet.\*
5. update the flag in channel secure.properties file -  
systemProtectedByChannelSecure=true
6. The proxy is running at 127.0.0.1 port 8008 (e.g. chrome --proxy-server=127.0.0.1:8008)  
Start Chrome with this command (Make sure  
HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Google\Chrome ProxyMode set to something  
other than system)  
"c:\Program Files (x86)\Google\Chrome\Application\chrome.exe" --user  
-data-dir=c:\temp --proxy-server=127.0.0.1:8008
7. Insert this header SM\_UNIVERSALID for channel secure with the value as the userid.

### Sample screens from WebScarab





## How Channel secure is sending the login session header/cookies back to CORE application?

- **LoginServlet---** Channel secure sends back request header SM\_UNIVERSALID to LoginServlet. This header has user id info

## Java Simon

Here is more info about Java Simon: <https://code.google.com/p/javasimon/>

Using Simon- Monitors (familiarily called Simons) are placed directly into your code and you can choose whether you want to count something or measure time/duration.

Here is working configuration from CORE Application:



Sample Simon Console

### Filtering

Pattern

Type Stopwatch

[Filter](#)

Export: [CSV](#) [HTML](#) [XML](#)

Show 10 entries

Search:

Name	Type	Count	Total	Min	Mean	Max	Std Dev	Last	First Date	Last Date
org.javasimon...	STOPWATCH	10	88082	5254	8808	15337	3535	5639	2012-01-01 21:57:19	2012-01-01 21:58:58
org.javasimon...	STOPWATCH	3181	19425	0	6	1045	44	1	2012-01-01 21:57:23	2012-01-01 21:57:46
org.javasimon...	STOPWATCH	3181	4286	0	1	1628	31	1	2012-01-01 21:57:22	2012-01-01 21:57:46
org.javasimon...	STOPWATCH	3787	3561	0	0	843	18	0	2012-01-01 21:57:49	2012-01-01 21:57:55
org.javasimon...	STOPWATCH	1	2974	2974	2974	2974	0	2974	2012-01-01 21:57:19	2012-01-01 21:57:22
org.javasimon...	STOPWATCH	3787	2555	0	0	322	7	0	2012-01-01 21:57:49	2012-01-01 21:57:55
org.javasimon...	STOPWATCH	1	1067	1067	1067	1067	0	1067	2012-01-01 21:57:48	2012-01-01 21:57:49
org.javasimon...	STOPWATCH	1	1039	1039	1039	1039	0	1039	2012-01-01 21:57:46	2012-01-01 21:57:47
org.javasimon...	STOPWATCH	105	631	0	6	596	57	0	2012-01-01 21:57:47	2012-01-01 21:57:48
org.javasimon...	STOPWATCH	105	135	0	1	56	5	0	2012-01-01 21:57:47	2012-01-01 21:57:48

Showing 1 to 10 of 13 entries

[Go](#)