

Report

Test Report



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1 Licence Compatibility

Requirement 4: The server should be released under GPL-2.0

MyWebServer has previously been released under MIT which is compatible with GPL-2.0 and it should not cause any complications. However, to avoid release complications the server should be distributed with *OpenJDK* which is licensed under GPL-2.0. The server executable should also be striped of *JUnit 4.12* which is licensed under ELC and is therefore not compatible with GPL-2.0. It would also be preferred to remove *Mockito* from the executable even if it's released under MIT which is compatible with GPL-2.0.

2 Traceability Matrix

Requirement Matrix							
Requirement	Reqs	Req. 1	Req. 2	Req. 3	Req. 5	Informal	Informal
Identifiers	Tested					Req. 1	Req. 2
Test Cases	34	1	4	16	3	8	2
1.1				X		X	
1.2				X		X	
1.3				X		X	
1.4				X		X	
2.1				X	X	X	
2.2				X	X	X	
3.1			X	X			
3.2			X	X			
3.3			X	X			
3.4			X	X			
4.1		X		X			
5.1				X	X		
6.1				X		X	
6.2				X		X	
7.1				X			X
7.2				X			X

Figure 1: Help screen

3 Test Cases - Result

1.1 Mac Linux Unable to connect Socket 80 was taken Port is taken 21/12 X	Test Case	OS	Expected Output	Actual Output	Date	Pass
Linux Unable to connect Socket 80 was taken 1.2			Emperiou output	Tietaar Garpar	Bute	
1.2 Mac	1.1		Unable to connect	As expected	21/12	
1.2 Mac		Linux				
1.2 Linux		Mac	Socket 60 was taken	1 or is taken	21/12	
1.3 Mac	1.2		No access too folder	HTTP Server	21/12	X
1.3		Linux			21/12	
Linux		Mac	71000	Started		
log file log.txt	1.3		Cannot write to server	HTTP Server	21/12	X
1.4 Mac Linux HTTP Server Started It Works As expected 21/12		Linux			21/12	
Linux		Mac	log me log.txt	Started		
It Works	1.4		HTTP Server Started	As expected	21/12	./
2.1 Mac Unable to connect Linux Unable to connect As expected 21/12 \(\sqrt{2} \) 2.2 Mac HTTP Server stopped United Written in access log written in access log Console United Written in access log Console United Written in access log United Written in access log United Written in access log Console United Written in access log United Written in access log Console United Written in access log United Written in Console United Written in access log United Written in Console United United Written United Unite		Liliux		_		l
Linux Unable to connect As expected 21/12 \$\sqrt{2}\$		Mac		As expected	21/12	V
Mac	2.1			As expected	21/12	1
Linux HTTP Server stopped written in access log console 3.1				As expected	21/12	V
Mac	2.2			Only writton in	21/12	Y
3.1		Liliux			21/12	_ ^
Linux Response Code 200 As expected 21/12 3.2 Mac Response Code 404 As expected 21/12 Linux Response Code 404 As expected 21/12 3.3 Mac Response Code 403 As expected 21/12 Linux Response Code 403 As expected 21/12 Linux Response Code 400 As expected 21/12 4.1 Mac Response Code 400 As expected 21/12 Linux Response Code 400 As expected 21/12 4.1 Mac Linux Response time <2000 87 ms 21/12 5.1 Mac Clientthread <nr> Linux Clientthread <nr> Served file: works.png console 6.1 Mac Linux Enter a valid port 1-65 535 and a optional URL 6.2 Mac Linux See fig. 1 Enter a valid port 1-65 535 and a optional URL 7.1 Mac Linux It Works Secure connection 21/12 Mac Response Code 405 As expected 21/12 Mac Response</nr></nr>		Maa	_		21/12	/
3.2 Mac Response Code 404 As expected 21/12 ✓ Linux Response Code 404 As expected 21/12 ✓ 3.3 Mac Response Code 403 As expected 21/12 ✓ Linux Response Code 403 As expected 21/12 ✓ 3.4 Mac Response Code 400 As expected 21/12 ✓ Linux Response Code 400 As expected 21/12 ✓ 4.1 Mac Linux Response time <2000 87 ms 21/12 ✓ 5.1 Mac Linux Clientthread <nr></nr>	3.1			-		I
Linux Response Code 404 As expected 21/12 3.3				•		
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3.4 Mac Response Code 400 As expected 21/12 ✓ 4.1 Mac Linux Response time <2000 87 ms 21/12 ✓ 5.1 Mac Linux Clientthread <nr> 6.1 Linux Enter a valid port 1-65 535 and a optional URL 6.2 Mac Linux See fig. 1 Enter a valid port 1-65 535 and a optional URL 7.1 Mac Linux It Works Secure connection 21/12 ✓ Mac Linux Response Code 405 As expected 21/12 ✓ As expected 21/12 ✓</nr>	3.3		_	-		
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optional URL 6.2 Mac Linux See fig. 1 Enter a valid port 1-65 535 and a optional URL 7.1 Mac Linux It Works Secure connection failed Mac Response Code 405 As expected 21/12 ✓		Linux	-	As expected	21/12	/
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7.1 Mac Linux It Works Secure connection 21/12 failed Mac Response Code 405 As expected 21/12 ✓						
Linux It Works Secure connection 21/12 X failed Mac Response Code 405 As expected 21/12 ✓				optional URL		
Linux It Works Secure connection 21/12 ★ failed Mac Response Code 405 As expected 21/12 ✓	7.1					
Mac Response Code 405 As expected 21/12 ✓	/ • ±	Linux	It Works		21/12	X
Linux Response Code 405 As expected 21/12 🗸	7.2		_	*		✓
		Linux	Response Code 405	As expected	21/12	✓