

YUI Compressor

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Original intention

- LibreOffice
 - fix bug with exporting PDF via recorded macro

- Project is very large
 - long searching and building

Project description

- YUI Compressor
 - the Yahoo! JavaScript and CSS compressor
 - written in Java, BSD license
 - <https://github.com/yui/yuicompressor>
- Compression
 - remove white space characters
 - rename all local symbols to 1 - 3 letter (JS)

Example

```
java -jar yuicompressor.jar test.js -o test.min.js
```

```
function showAlerts(text, count) {  
    var index = 0;  
    for (index = 0; index < count; index++) {  
        alert(text + " " + index);  
    }  
}
```

```
function showAlerts(b,c){  
var a=0;for(a=0;a<c;a++){alert(b+" "+a)}};
```

My contribution

- Fix bug with Windows absolute path
 - java -jar yuic.jar *.css -o '.css:.min.css'
 - java -jar yuic.jar test.css -o 'c:\test.min.css'

Fix bug Windows absolute path

11 src/com/yahoo/platform/yui/compressor/YUICompressor.java

	✚	@@ -103,8 +103,15 @@
103	103	public static void main(String args[]) {
104	104	}
105	105	String output = (String) parser.getOptionValue(outputFilenameOpt);
106	-	String pattern[] = output != null ? <u>output.split(":")</u> : <u>new String[0]</u> ;
107	-	
	106	+ String pattern[];
	107	+ if(output == null) {
	108	+ pattern = <u>new String[0]</u> ;
	109	+ } else if (output.matches("(?i)^[a-z]\\:\\:\\:\\.*)") {
	110	+ pattern = <u>new String[]{output}</u> ;
	111	+ } else {
	112	+ pattern = <u>output.split(":")</u> ;
	113	+ }
	114	+ }
108	115	try {

My contribution

- Fix bug with empty JS file
 - it throws exception if input file is empty

```
6 src/com/yahoo/platform/yui/compressor/JavaScriptCompressor.java
```

	✱	@@ -579,7 +579,11 @@	private JavaScriptToken consumeToken() {
579	579		}
580	580		
581	581		private JavaScriptToken getToken(int delta) {
582		-	return (JavaScriptToken) tokens.get(offset + delta);
	582	+	try {
	583	+	return (JavaScriptToken) tokens.get(offset + delta);
	584	+	} catch(IndexOutOfBoundsException ex) {
	585	+	return null;
	586	+	}
583	587		}

Collaboration with the community

- Slow development
- Few accepted pull request
- My contribution was accepted
- Current version (2.4.8) contains bugs that are already corrected in master
 - `css: 2.0em → 2.0`
 - `css: 2.0em → 2em`

Questions?

Thank you for your attention!