

BugQuery is a search engine for stack traces!

It helps programmers solve bugs in their code in a quick and efficient way, using an index of questions and answers extracted from dedicated web services like:

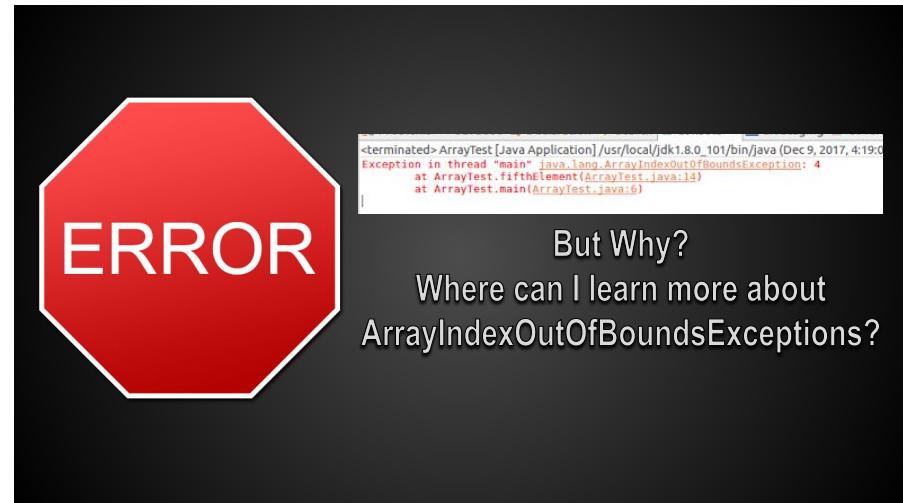
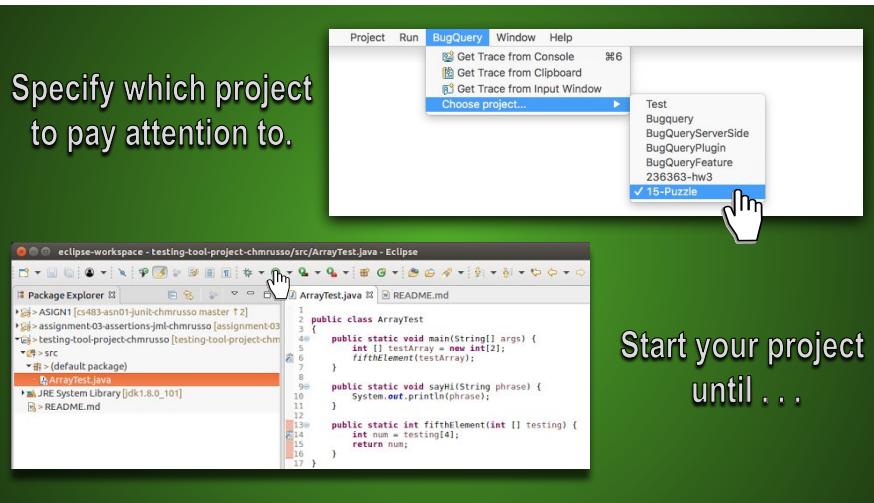


stackoverflow

The background of this section is a light orange color. The Stack Overflow logo is located in the bottom left corner, consisting of a stylized icon of overlapping squares in shades of blue, green, and yellow, followed by the word "stackoverflow" in a bold, lowercase sans-serif font.

Commercially Available
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A screenshot of the Eclipse Marketplace interface. At the top, it says "Eclipse Marketplace" and "Select solutions to install. Press Install Now to proceed with installation. Press the "more info" link to learn more about a solution." Below is a search bar with "Find: BugQuery". A list item for "BugQuery Plugin 0.1.5" is shown, featuring the BugQuery dragonfly logo, a brief description, and statistics: "Installs: 81 (last month)". A large hand cursor icon is positioned over the "Install Now" button at the bottom right of the plugin's card.



Ctrl 6 ANSWERS!

BugQuery has found 10 results:

```
Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: 4
        at ArrayTest.fifthElement(ArrayTest.java:14)
        at ArrayTest.main(ArrayTest.java:6)
```

1) Why am I getting an error when I try to run my socket program in Java?

Original Question

Accepted Answer

2) Why do I get an ArrayIndexOutOfBoundsException in this prime number check?

Original Question

Accepted Answer

3) Scala - how to explicitly choose which overloaded method to use when one arg must be null?

6) compile java program in eclipse

Original Question

```
package ll;
public class In {
    public static void main(String arguments[]){
        String[] phrase={"Here I am ","ther you are",
                        "nobdy move who is in charge here",
                        "haven dosent far away"};
        for (int count=0;count<phrase.length;count++){
            String courrentText=phrase[count];
            char[] chcs=courrentText.toCharArray();
            int[] In=new int[26];
            for(int i=0;i<chcs.length;i++){
                if((chcs[i]>'z')||(chcs[i]<'a')){
                    continue;
                }
                In[chcs[i]-'a']++;
            }
            for (int t=0;t<In.length;t++){
                char tChar='a';
                t+=1;
                System.out.println(t+" : "+In[t]+" ");
            }
        }
    }
}
```

Accepted Answer

6) compile java program in eclipse

Original Question

Accepted Answer

in each of these lines replace <= with < :

```
for (int count=0;count<=phrase.length;count ++){}
```

should be:

```
for (int count=0;count<phrase.length;count ++){}
```

in this line also :

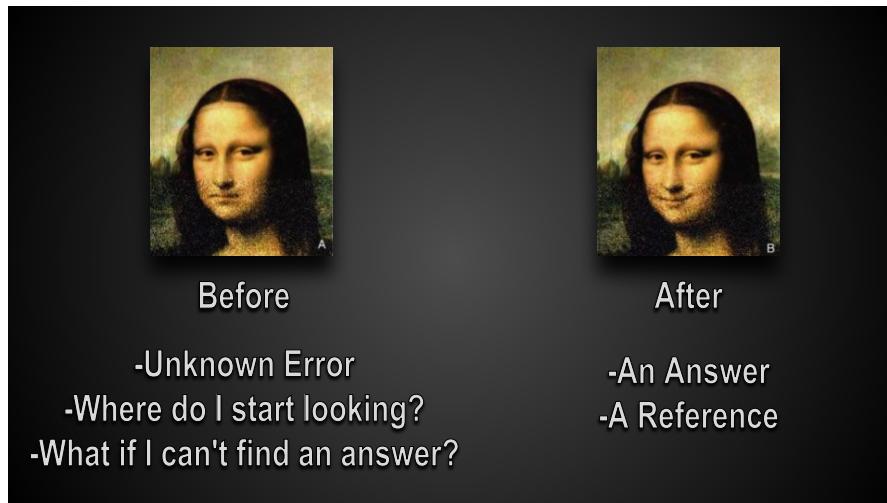
```
for(int i=0;i<chcs.length;i++){}
```

should be:

```
for(int i=0;i<chcs.length;i++){}
```

Not there? Make your own!

The screenshot shows a dark-themed web application window titled "ssdlibugquery.cs.technion.ac.il". At the top, there's a navigation bar with links for "Information", "Submit Your Trace", "Get the Plugin", and "BugQuery on GitHub". Below the header, the main area is titled "BugQuery Search" with the sub-instruction "Please insert your stack trace below". There is a large text input field for pasting stack traces, a "Submit" button, and a copyright notice "© 2016 BugQuery". At the bottom, there are links for "Home", "User Guide", "Submit Your Trace", and social media icons for GitHub, Twitter, and Facebook.



BugQuery Results

Exception Under Test	Question Number	Correct/Incorrect	Helpful/Not Helpful
ArrayIndexOutOfBoundsException	6	Correct	Helpful
NullPointerException	N/A	N/A	Not Helpful
FileNotFoundException	N/A	N/A	Not Helpful
NumberFormatException	2	Correct	Helpful
InputMismatchException	1	Correct	Helpful
ArithmaticException	4	Correct	Helpful
NoSuchElementException	N/A	N/A	Not Helpful

4 Helpful Answers | 4 Not Helpful Answers

Still in Development



What to help the Development of BugQuery?
Check out their Developer Guide on their homepage!

samebug



It makes a semantic stack trace search by using all stack frames you specify and when it compares exceptions, it understands differences in libraries, packages and source lines, nesting of exceptions, and more.

Eclipse Plugin

Finished Product

Generalizes each answer and returns a simple one to two sentence solution to what may have caused the problem.
(Few cases may result in a Question/Answer Result)

SameBug Results

Exception Under Test	Question Number	Correct/Incorrect	Helpful/Not Helpful
ArrayIndexOutOfBoundsException	4	Correct	Helpful
NullPointerException	N/A	N/A	Not Helpful
FileNotFoundException	1	Correct	Helpful
NumberFormatException	1	Correct	Helpful
InputMismatchException	8	Correct	Helpful
ArithmaticException	N/A	N/A	Helpful
NoSuchElementException	7	Correct	Helpful

5 Helpful Answers | 3 Not Helpful Answers

