STRING TOKENIZER IN JAVA

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STRINGTOKENIZER CLASS :

- The **java.util.StringTokenizer** class allows you to break a string into tokens. It is simple way to break string.

- This class is a legacy class that is retained for compatibility reasons although its use is discouraged in new code.

- Its methods do not distinguish among identifiers, numbers, and quoted strings.

- This class methods do not even recognize and skip comments.

CLASS DECLARATION :

- Following is the declaration for **java.util. StringTokenizer** class –

public class StringTokenizer extends Object
{
    //code to be implemented;
}

CLASS CONSTRUCTORS :

- **StringTokenizer(String str)**

This constructor a string tokenizer for the specified string.

- **StringTokenizer(String str, String delim)**

This constructor constructs string tokenizer for the specified string.

- **StringTokenizer(String str, String delim, boolean returnDelims)**

This constructor constructs a string tokenizer for the specified string.

CLASS METHODS

- int countTokens() :This method calculates the number of times that this tokenizer's nextToken method can be called i.e., returns the total number of tokens.

- boolean hasMoreTokens() :This method tests if there are more tokens available from this tokenizer's string.

- boolean hasMoreElements() :This method returns the same value as the hasMoreTokens method.

CLASS METHODS

- **String nextToken()** :This method returns the next token from this string tokenizer.

- **Object nextElement()** :This method returns the same value as the nextToken method, except that its declared return value is Object rather than String.

- **String nextToken(String delim)** :This method returns the next token in this string tokenizer's string.

SAMPLE PROGRAM:

```java
import java.util.*;
 public class STDemo
 {
   public static void main(String[] args)
   {
  // creating stringtokenizer
   StringTokenizer st = new StringTokenizer("Come to learn");
  // checking next token
   System.out.println("Next token is : " + st.nextToken());
   }
}
```

Output :

Next token is : Come

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