

7. String Handling

Lesson 4: StringTokenizer class



7.4. Class StringTokenizer

- The StringTokenizer class is for parsing a string into a sequence of tokens. A token is a string of characters separated by delimiter characters, for example, a space or a tab character.
- The StringTokinzier belongs to the **java.util** package. In order to use StringTokenizer the class **java.util.StringTokenizer** must be imported.

7.4. Class StringTokenizer

7.4.1. Constructor

public StringTokenizer(String str)

- Creates a StringTokenizer object containing String **str** with the default delimiter " \t\n\r" (blank, tab, newline and return).

public StringTokenizer(String str, String delimiters)

- Creates a StringTokenizer object containing the String **str** with the delimiters specified by the String argument.

7.4. Class StringTokenizer

7.4.2. Useful Methods

public int countTokens()

- Returns the number of tokens remaining in the StringTokenizer object.

public boolean hasMoreTokens()

- Determines whether the StringTokenizer object has any more unparsed tokens and updates the current position of the StringTokenizer to be at the starting position of the next token.

public String nextToken()

public String nextToken(String delimiters)

- Retrieves the next token in the StringTokenizer. If delimiters are passed as a parameter, then
- the delimiters for the StringTokenizer is first reset.