| | **Class** | [**Tree**](http://docs.google.com/overview-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | | |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| PREV CLASS   [**NEXT CLASS**](http://docs.google.com/BreezyGUI/DoubleField.html) | [**FRAMES**](http://docs.google.com/index.html)    [**NO FRAMES**](http://docs.google.com/Console.html) |
| SUMMARY:  INNER | FIELD | [CONSTR](#1fob9te) | [METHOD](#3znysh7) | DETAIL:  FIELD | [CONSTR](#tyjcwt) | [METHOD](#1t3h5sf) |

## **BreezyGUI**

Class Console

java.lang.Object  
 |  
 +--**BreezyGUI.Console**

public class **Console**extends java.lang.Object

The class Console contains methods for terminal I/O. Type-specific methods read characters, integers, doubles, and strings. Another method pauses output and waits for the user to hit the enter key to continue. Examples:

char letter = Console.readChar("Enter a letter: ");  
 double d = Console.readDouble("Enter a real number: ");  
 int i = Console.readInt("Enter an integer: ");  
 String name = Console.readLine("Enter your full name: ");  
 Console.pause();

| **Constructor Summary** | |
| --- | --- |
| [**Console**](http://docs.google.com/BreezyGUI/Console.html#Console())() |

| **Method Summary** | |
| --- | --- |
| static void | [**pause**](http://docs.google.com/BreezyGUI/Console.html#pause())()            Used with non-GUI applications (tester programs) to pause execution until the user hits the Enter key. |
| static char | [**readChar**](http://docs.google.com/BreezyGUI/Console.html#readChar(java.lang.String))(java.lang.String prompt)            Prompts the user and waits for character input. |
| static double | [**readDouble**](http://docs.google.com/BreezyGUI/Console.html#readDouble(java.lang.String))(java.lang.String prompt)            Prompts the user and waits for double input. |
| static int | [**readInt**](http://docs.google.com/BreezyGUI/Console.html#readInt(java.lang.String))(java.lang.String prompt)            Prompts the user and waits for integer input. |
| static java.lang.String | [**readLine**](http://docs.google.com/BreezyGUI/Console.html#readLine(java.lang.String))(java.lang.String prompt)            Prompts the user and waits for string input. |

| **Methods inherited from class java.lang.Object** |
| --- |
| clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait |

| **Constructor Detail** |
| --- |

### Console

public **Console**()

| **Method Detail** |
| --- |

### pause

public static void **pause**()

Used with non-GUI applications (tester programs) to pause execution until the user hits the Enter key. Prevents a "fly-by" disappearance of the terminal window in some environments by pausing execution until the user hits the Enter key. Usage: Console.pause();

### readInt

public static int **readInt**(java.lang.String prompt)

Prompts the user and waits for integer input. Throws a NumberFormatException if the input cannot represent an integer. Returns the integer entered. **Parameters:**prompt - the prompt to the user.

### readDouble

public static double **readDouble**(java.lang.String prompt)

Prompts the user and waits for double input. Throws a NumberFormatException if the input cannot represent a double. Returns the double entered. **Parameters:**prompt - the prompt to the user.

### readChar

public static char **readChar**(java.lang.String prompt)

Prompts the user and waits for character input. Returns the char entered. **Parameters:**prompt - the prompt to the user.

### readLine

public static java.lang.String **readLine**(java.lang.String prompt)

Prompts the user and waits for string input. Returns the entire line of text entered. **Parameters:**prompt - the prompt to the user.

| | **Class** | [**Tree**](http://docs.google.com/overview-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | | |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
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