| | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Tree**](http://docs.google.com/package-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**](http://docs.google.com/ShapeComponent.MyMouseMotionAdapter.html)   [**NEXT CLASS**](http://docs.google.com/SimpleOutput.html) | [**FRAMES**](http://docs.google.com/index.html?SimpleInput.html)    [**NO FRAMES**](http://docs.google.com/SimpleInput.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## Class SimpleInput

[java.lang.Object](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true)  
 **SimpleInput**

public class **SimpleInput**extends [Object](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true)

Class to make it easy to get input from a user using JOptionPane Copyright Georgia Institute of Technology 2004

**Author:** Barb Ericson ericson@cc.gatech.edu

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

| **Method Summary** | |
| --- | --- |
| static [String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) | [**getDirectory**](http://docs.google.com/SimpleInput.html#getDirectory(java.lang.String))([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) message)            Method to get the name of a directory |
| static int | [**getIntNumber**](http://docs.google.com/SimpleInput.html#getIntNumber(java.lang.String))([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) message)            Method to allow the user to input an integer. |
| static int | [**getIntNumber**](http://docs.google.com/SimpleInput.html#getIntNumber(java.lang.String,%20int,%20int))([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) message, int min, int max)            Method to get an integer between a minimum and maximum (inclusive) |
| static double | [**getNumber**](http://docs.google.com/SimpleInput.html#getNumber(java.lang.String))([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) message)            Method to allow the user to input a number. |
| static [String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) | [**getString**](http://docs.google.com/SimpleInput.html#getString(java.lang.String))([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) message)            Method to get a string input by the user. |

| **Methods inherited from class java.lang.**[**Object**](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true) |
| --- |
| [clone](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#clone()), [equals](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#equals(java.lang.Object)), [finalize](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#finalize()), [getClass](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#getClass()), [hashCode](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#hashCode()), [notify](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#notify()), [notifyAll](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#notifyAll()), [toString](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#toString()), [wait](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#wait()), [wait](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#wait(long)), [wait](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#wait(long,%20int)) |

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

### SimpleInput

public **SimpleInput**()

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

### getNumber

public static double **getNumber**([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) message)

Method to allow the user to input a number. the dialog will keep appearing till a valid number is input.

**Parameters:**message - the message to display to the user in the dialog **Returns:**the number as a double

### getIntNumber

public static int **getIntNumber**([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) message)

Method to allow the user to input an integer. The dialog will keep appearing till a valid number is input.

**Parameters:**message - the message to display to the user in the dialog **Returns:**the number as an integer

### getIntNumber

public static int **getIntNumber**([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) message,  
 int min,  
 int max)

Method to get an integer between a minimum and maximum (inclusive)

**Parameters:**message - the message to display tomin - the minimum numbermax - the maximum number **Returns:**the user entered integer

### getDirectory

public static [String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) **getDirectory**([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) message)

Method to get the name of a directory

**Parameters:**message - the message to display to the user **Returns:**the pathname for a directory

### getString

public static [String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) **getString**([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) message)

Method to get a string input by the user. The dialog will keep appearing till a string is entered.

**Parameters:**message - the message to display to the user **Returns:**the input string

| | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Tree**](http://docs.google.com/package-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**](http://docs.google.com/ShapeComponent.MyMouseMotionAdapter.html)   [**NEXT CLASS**](http://docs.google.com/SimpleOutput.html) | [**FRAMES**](http://docs.google.com/index.html?SimpleInput.html)    [**NO FRAMES**](http://docs.google.com/SimpleInput.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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