

Package com.intNova.io

Class Summary

Class	Description
Control	controls the instances of the Input and Output classes
Input	handles data entered from the keyboard with exception handling to all common data types
Output	shows messages on screen

com.intNova.io

Class Control

java.lang.Object
com.intNova.io.Control

```
public class Control  
extends java.lang.Object
```

controls the instances of the Input and Output classes

Version:

1.1

Author:

intNova by drwin g/omez

Field Summary

Fields	
Modifier and Type	Field and Description
static Input	in almacena la instancia de la clase Input
static Output	out almacena la instancia de la clase Output

Constructor Summary

Constructors	
Constructor and Description	
Control ()	

Method Summary

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

Field Detail

in

```
public static Input in
```

almacena la instancia de la clase Input

out

```
public static Output out
```

almacena la instancia de la clase Output

Constructor Detail

Control

```
public Control()
```

com.intNova.io

Class Input

java.lang.Object
com.intNova.io.Input

```
public class Input
extends java.lang.Object
```

handles data entered from the keyboard with exception handling to all common data types

Version:

1.1

Author:

intNova by darwin gómez

Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description		
static Input	getInstance () gets only instance of the input class		
boolean	readBool () read a boolean value		
char	readChr () read a character		
double	readDb1 () reads floating double values		
float	readFlt () reads floating values		
int	readInt () read integer values		
java.lang.String	readStr () read character strings		

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

getIstance

```
public static Input getIstance()
```

gets only instance of the input class

Returns:

returns only instance of the Input class

readInt

```
public int readInt()
```

read integer values

Returns:

returns an integer value

readFlt

```
public float readFlt()
```

reads floating values

Returns:

returns a floating value

readDbI

```
public double readDbI()
```

reads floating double values

Returns:

returns a double floating value

readStr

```
public java.lang.String readStr()
```

read character strings

Returns:

returns a string of characters

readChr

```
public char readChr()
```

read a character

Returns:

returns a character

readBool

```
public boolean readBool()
```

read a boolean value

Returns:

returns value logic

PACKAGE

CLASS

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ALL CLASSES

SUMMARY: NESTED | FIELD | CONSTR | METHODDETAIL: FIELD | CONSTR | METHOD

com.intNova.io

Class Output

java.lang.Object
com.intNova.io.Output

```
public class Output  
extends java.lang.Object
```

shows messages on screen

Version:

1.1

Author:

intNova by darwin gómez

Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description		
static Output	getInstance() gets only instance of the Output class		
void	write (java.lang.String str) write on screen without line jump		
void	writeln() write a line break		
void	writeln (java.lang.String str) write on screen with line break		

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

getInstance

```
public static Output getInstance()
```

gets only instance of the Output class

Returns:

returns only instance of the Output class

write

```
public void write(java.lang.String str)
```

write on screen without line jump

Parameters:

str - receives a string of characters

writeln

```
public void writeln(java.lang.String str)
```

write on screen with line break

Parameters:

str - receives a string of characters

writeln

```
public void writeln()
```

write a line break

Package com.intNova.io

Class Summary	
Class	Description
Control	controls the instances of the Input and Output classes
Input	handles data entered from the keyboard with exception handling to all common data types
Output	shows messages on screen

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Uses of Package com.intNova.io

Classes in com.intNova.io used by com.intNova.io
Class and Description
<div>Input handles data entered from the keyboard with exception handling to all common data types</div> <div>Output shows messages on screen</div>

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Hierarchy For Package com.intNova.io

Class Hierarchy

- java.lang.Object
 - com.intNova.io.**Control**
 - com.intNova.io.**Input**
 - com.intNova.io.**Output**

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Deprecated API

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C G I O R W

C

com.intNova.io - package com.intNova.io

Control - Class in com.intNova.io
controls the instances of the Input and Output classes
Control() - Constructor for class com.intNova.io.[Control](#)

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How This API Document Is Organized

This API (Application Programming Interface) document has pages corresponding to the items in the navigation bar, described as follows.

Package

Each package has a page that contains a list of its classes and interfaces, with a summary for each. This page can contain six categories:

- Interfaces (*italic*)
- Classes
- Enums
- Exceptions
- Errors
- Annotation Types

Class/Interface

Each class, interface, nested class and nested interface has its own separate page. Each of these pages has three sections consisting of a class/interface description, summary tables, and detailed member descriptions:

- Class inheritance diagram
- Direct Subclasses
- All Known Subinterfaces
- All Known Implementing Classes
- Class/interface declaration
- Class/interface description
- Nested Class Summary
- Field Summary
- Constructor Summary
- Method Summary
- Field Detail
- Constructor Detail
- Method Detail

Each summary entry contains the first sentence from the detailed description for that item. The summary entries are alphabetical, while the detailed descriptions are in the order they appear in the source code. This preserves the logical groupings established by the programmer.

Annotation Type

Each annotation type has its own separate page with the following sections:

- Annotation Type declaration
- Annotation Type description
- Required Element Summary
- Optional Element Summary
- Element Detail

Enum

Each enum has its own separate page with the following sections:

- Enum declaration
- Enum description
- Enum Constant Summary
- Enum Constant Detail

Use

Each documented package, class and interface has its own Use page. This page describes what packages, classes, methods, constructors and fields use any part of the given class or package. Given a class or interface A, its Use page includes subclasses of A, fields declared as A, methods that return A, and methods and constructors with parameters of type A. You can access this page by first going to the package, class or interface, then clicking on the "Use" link in the navigation bar.

Tree (Class Hierarchy)

There is a [Class Hierarchy](#) page for all packages, plus a hierarchy for each package. Each hierarchy page contains a list of classes and a list of interfaces. The classes are organized by inheritance structure starting with `java.lang.Object`. The interfaces do not inherit from `java.lang.Object`.

- When viewing the Overview page, clicking on "Tree" displays the hierarchy for all packages.
- When viewing a particular package, class or interface page, clicking "Tree" displays the hierarchy for only that package.

Deprecated API

The [Deprecated API](#) page lists all of the API that have been deprecated. A deprecated API is not recommended for use, generally due to improvements, and a replacement API is usually given. Deprecated APIs may be removed in future implementations.

Index

The [Index](#) contains an alphabetic list of all classes, interfaces, constructors, methods, and fields.

Prev/Next

These links take you to the next or previous class, interface, package, or related page.

Frames/No Frames

These links show and hide the HTML frames. All pages are available with or without frames.

All Classes

The [All Classes](#) link shows all classes and interfaces except non-static nested types.

Serialized Form

Each serializable or externalizable class has a description of its serialization fields and methods. This information is of interest to re-implementors, not to developers using the API. While there is no link in the navigation bar, you can get to this information by going to any serialized class and clicking "Serialized Form" in the "See also" section of the class description.

Constant Field Values

The [Constant Field Values](#) page lists the static final fields and their values.

This help file applies to API documentation generated using the standard doclet.

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Uses of Class com.intNova.io.Control

No usage of com.intNova.io.Control

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All Classes

- Control
- Input
- Output

Uses of Class com.intNova.io.Input

Uses of *Input* in *com.intNova.io*

Fields in *com.intNova.io* declared as *Input*

Modifier and Type	Field and Description
static Input	Control.in almacena la instancia de la clase Input

Methods in *com.intNova.io* that return *Input*

Modifier and Type	Method and Description
static Input	Input.getInstance() gets only instance of the input class

Uses of Class

com.intNova.io.Output

Uses of *Output* in *com.intNova.io*

Fields in com.intNova.io declared as Output

Modifier and Type	Field and Description
static Output	Control.out almacena la instancia de la clase Output

Methods in com.intNova.io that return Output

Modifier and Type	Method and Description
static Output	Output.getInstance() gets only instance of the Output class

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Hierarchy For All Packages

Package Hierarchies:
[com.intNova.io](#)

Class Hierarchy

- java.lang.Object
 - com.intNova.io.**Control**
 - com.intNova.io.**Input**
 - com.intNova.io.**Output**

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C G I O R W

G

- getInstance()** - Static method in class com.intNova.io.Output
gets only instance of the Output class
- getIstance()** - Static method in class com.intNova.io.Input
gets only instance of the input class

C G I O R W

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C G I O R W

I

- in** - Static variable in class `com.intNova.io.Control`
almacena la instancia de la clase `Input`
- Input** - Class in `com.intNova.io`
handles data entered from the keyboard with exception handling to all common data types

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C G I O R W

O

out - Static variable in class `com.intNova.io.Control`
almacena la instancia de la clase `Output`

Output - Class in `com.intNova.io`
shows messages on screen

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C G I O R W

R

- readBool()** - Method in class com.intNova.io.Input
read a boolean value
- readChr()** - Method in class com.intNova.io.Input
read a character
- readDbl()** - Method in class com.intNova.io.Input
reads floating double values
- readFlt()** - Method in class com.intNova.io.Input
reads floating values
- readInt()** - Method in class com.intNova.io.Input
read integer values
- readStr()** - Method in class com.intNova.io.Input
read character strings

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C G I O R W

W

write(String) - Method in class com.intNova.io.Output

write on screen without line jump

writeln(String) - Method in class com.intNova.io.Output

write on screen with line break

writeln() - Method in class com.intNova.io.Output

write a line break

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Constant Field Values

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