Class MyroUtils

```
java.lang.Object
```

```
        Myro.MyroUtils
```

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

Miscellaneous methods for Myro/Java programs

Version:
    1.0
Author:
    Douglas Harms

Constructor Summary

MyroUtils()

Method Summary

static double	**randomDouble**() Returns a random double in the range 0.0 (inclusive) and 1.0 (exclusive).
static int	**randomInt**(int low, int high) Returns a random integer within a specified range.
static void	**sleep**(double numSeconds) Cause the current thread to sleep for numSeconds.
static void	**speak**(java.lang.String message) Speak the passed string using the speach synthesizer.
static boolean	**timeRemaining**(double seconds) Controls a while-loop for a specific number of seconds.

Methods inherited from class java.lang.Object

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

Constructor Detail

MyroUtils

public **MyroUtils**()

Method Detail

randomDouble

```
public static double randomDouble()
```
   Returns a random double in the range 0.0 (inclusive) and 1.0 (exclusive).
   Returns:
   A uniformly distributed random double between 0.0 (inclusive) and 1.0 (exclusive)

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randomInt

```
public static int randomInt(int low,
                            int high)
```
   Returns a random integer within a specified range.
   Parameters:
   `low` - Low end of range
   `high` - High end of range
   Returns:
   A uniformly distributed random int between low (inclusive) and high (inclusive)
   Precondition:
   low <= high

---

sleep

```
public static void sleep(double numSeconds)
```
   Cause the current thread to sleep for numSeconds.
   Parameters:
   `numSeconds` - The length of time to sleep.
   Precondition:
   numSeconds >= 0.0

---

speak

```
public static void speak(java.lang.String message)
```
   Speak the passed string using the speach synthesizer.
   Parameters:
   `message` - The string to speak.

---

timeRemaining

```
public static boolean timeRemaining(double seconds)
```
   Controls a while-loop for a specific number of seconds.
   Parameters:
   `seconds` - number of seconds to loop
   Returns:
   true iff the specified number of seconds has not elapsed