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client

## Class TCPClient.uThr

```
java.lang.Object
  java.lang.Thread
    client.TCPClient.uThr
```

### All Implemented Interfaces:

```
java.lang.Runnable
```

### Enclosing class:

```
TCPClient
```

```
static class TCPClient.uThr
extends java.lang.Thread
```

### Author:

hector, adonias, gary, henna - uThr will be the upper threads of the client. Here the request type for information will be determined through the use of random number generation. The possible request types: nextEven, nextOdd, nextFib, nextLargeRand, nextPrime will be numbered 1-5. Once the request type is set, it will be stored as a string named "command" in the Data object. The data object with the command will then be added to the RequestQueue of the runtime thread. The uThr will then enter a spin lock until its requested data object is at the head of the responseQueue in the runtime thread. Once the response is found, it will print out the result and loop back to its next iteration.

### *Nested Class Summary*

#### Nested classes/interfaces inherited from class java.lang.Thread

```
java.lang.Thread.State, java.lang.Thread.UncaughtExceptionHandler
```

### *Field Summary*

#### Fields inherited from class java.lang.Thread

```
MAX_PRIORITY, MIN_PRIORITY, NORM_PRIORITY
```

## Constructor Summary

### Constructors

#### Constructor and Description

`uThr(int tID)`

## Method Summary

### All Methods

### Instance Methods

### Concrete Methods

#### Modifier and Type

#### Method and Description

`void`

`run()`

### Methods inherited from class `java.lang.Thread`

`activeCount`, `checkAccess`, `clone`, `countStackFrames`, `currentThread`, `destroy`, `dumpStack`, `enumerate`, `getAllStackTraces`, `getContextClassLoader`, `getDefaultUncaughtExceptionHandler`, `getId`, `getName`, `getPriority`, `getStackTrace`, `getState`, `getThreadGroup`, `getUncaughtExceptionHandler`, `holdsLock`, `interrupt`, `interrupted`, `isAlive`, `isDaemon`, `isInterrupted`, `join`, `join`, `join`, `resume`, `setContextClassLoader`, `setDaemon`, `setDefaultUncaughtExceptionHandler`, `setName`, `setPriority`, `setUncaughtExceptionHandler`, `sleep`, `sleep`, `start`, `stop`, `stop`, `suspend`, `toString`, `yield`

### Methods inherited from class `java.lang.Object`

`equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `wait`, `wait`, `wait`

## Constructor Detail

### `uThr`

```
public uThr(int tID)
```

## Method Detail

### `run`

```
public void run()
```

Specified by:

```
run in interface java.lang.Runnable
```

**Overrides:**

```
run in class java.lang.Thread
```

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