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dataBaseC

Class Listener

```
java.lang.Object
  java.lang.Thread
    dataBaseC.Listener
```

All Implemented Interfaces:

```
java.lang.Runnable
```

```
public class Listener
  extends java.lang.Thread
```

Listens to messages from one chef or waiter. Waiter will send it Tickets to record. This message must start with a T followed by the ticket info. Chef will send it started dishes. This message must start with D followed by the dish name.

Author:

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Nested Class Summary

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

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

Field Summary

Fields

| Modifier and Type | Field and Description |
|-------------------|-----------------------|
|-------------------|-----------------------|

| | |
|----------------------|----------------------|
| com.google.gson.Gson | jsonConverter |
|----------------------|----------------------|

Used to convert java objects to JSON format and vice versa.

Fields inherited from class java.lang.Thread

```
MAX_PRIORITY, MIN_PRIORITY, NORM_PRIORITY
```

Constructor Summary

Constructors

Constructor and Description

Listener(java.net.Socket listener)

Constructor

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type

Method and Description

void

run()

Starts a new thread for the DB C controller so it can communicate with one tablet on one thread.

Methods inherited from class java.lang.Thread

activeCount, checkAccess, 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, getClass, hashCode, notify, notifyAll, wait, wait, wait

Field Detail

jsonConverter

public com.google.gson.Gson jsonConverter

Used to convert java objects to JSON format and vice versa.

Constructor Detail

Listener

```
public Listener(java.net.Socket listener)
```

Constructor

Parameters:

listener - - socket to listen to

sender - - MessageControllerSender - this will add messages to this to send it

Method Detail

run

```
public void run()
```

Starts a new thread for the DB C controller so it can communicate with one tablet on one thread. Reads the socket in to determine the request and responds accordingly. Socket will hang up on waiters after sending them menu and after reading a ticket Socket won't hang up on chef since chef will be sending information about each dish that was started.

Specified by:

run in interface `java.lang.Runnable`

Overrides:

run in class `java.lang.Thread`

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