OVERVIEW   PACKAGE   CLASS   USE   TREE   DEPRECATED   INDEX   HELP

PREV CLASS   **NEXT CLASS**   FRAMES   NO FRAMES   ALL CLASSES

SUMMARY: NESTED | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD

databaseB

Class DatabaseBController

```
java.lang.Object
    java.lang.Thread
        databaseB.DatabaseBController
```

All Implemented Interfaces:

```
java.lang.Runnable
```

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

Starts the DB B. Host will use this to grab the list of tables

Author:

```
cms549
```

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
static com.google.gson.Gson	**jsonConverter** used to convert java objects to JSON format and vice versa.
static **TableList**	**listOfTables** Holds the list of tables.

Fields inherited from class java.lang.Thread

```
MAX_PRIORITY, MIN_PRIORITY, NORM_PRIORITY
```

Constructor Summary

Constructors

Constructor and Description
DatabaseBController(java.net.Socket listener) Constructor

Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods

Modifier and Type	Method and Description
static boolean	**addTable**(int tabNum, int maxOccupancy) Adds table to the list of tables
static void	**generateTables**() Used for testing
static void	**main**(java.lang.String[] args) Starts base thread for DB B
void	**run**() Each request will get its own 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 static com.google.gson.Gson jsonConverter
```

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

listOfTables

```
public static TableList listOfTables
```

Holds the list of tables. See TableList.java

Constructor Detail

DatabaseBController

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

Constructor

Parameters:

```
listener -
```

Method Detail

addTable

```
public static boolean addTable(int tabNum,
                               int maxOccupancy)
```

Adds table to the list of tables

Parameters:

```
tabNum - - table number you wish to add
```

```
maxOccupancy - - max amount of people that can fit at the table
```

Returns:

```
true on success, false on failure
```

run

```
public void run()
```

Each request will get its own thread. This will be used to send the host the list of tables

Specified by:

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

Overrides:

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

---

main

```
public static void main(java.lang.String[] args)
```

Starts base thread for DB B

Parameters:

```
args -
```

---

generateTables

```
public static void generateTables()
```

Used for testing