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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/IdentServer.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | |  |  | ***PircBot Java IRC Bot*** |
| [**PREV CLASS**](http://docs.google.com/org/jibble/pircbot/DccManager.html)   [**NEXT CLASS**](http://docs.google.com/org/jibble/pircbot/InputThread.html) | [**FRAMES**](http://docs.google.com/index.html)    [**NO FRAMES**](http://docs.google.com/IdentServer.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#id.2et92p0)| CONSTR | [METHOD](#id.tyjcwt) | DETAIL: FIELD | CONSTR | [METHOD](#id.4d34og8) |

**org.jibble.pircbot**

Class IdentServer

[java.lang.Object](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html)  
 [java.lang.Thread](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html)  
 **org.jibble.pircbot.IdentServer**

**All Implemented Interfaces:** [Runnable](http://java.sun.com/j2se/1.4/docs/api/java/lang/Runnable.html)public class **IdentServer**extends [Thread](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html)

A simple IdentServer (also know as "The Identification Protocol"). An ident server provides a means to determine the identity of a user of a particular TCP connection.

Most IRC servers attempt to contact the ident server on connecting hosts in order to determine the user's identity. A few IRC servers will not allow you to connect unless this information is provided.

So when a PircBot is run on a machine that does not run an ident server, it may be necessary to provide a "faked" response by starting up its own ident server and sending out apparently correct responses.

An instance of this class can be used to start up an ident server only if it is possible to do so. Reasons for not being able to do so are if there is already an ident server running on port 113, or if you are running as an unprivileged user who is unable to create a server socket on that port number.

**Since:** 0.9c **Version:** 1.5.0 (Build time: Mon Dec 14 20:07:17 2009) **Author:** Paul James Mutton, <http://www.jibble.org/>

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| **Field Summary** |  |

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| **Fields inherited from class java.lang.**[**Thread**](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html) |
| [MAX\_PRIORITY](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#MAX_PRIORITY), [MIN\_PRIORITY](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#MIN_PRIORITY), [NORM\_PRIORITY](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#NORM_PRIORITY) |

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| **Method Summary** |  |
| void | [**run**](http://docs.google.com/org/jibble/pircbot/IdentServer.html#run())()            Waits for a client to connect to the ident server before making an appropriate response. |

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| **Methods inherited from class java.lang.**[**Thread**](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html) |
| [activeCount](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#activeCount()), [checkAccess](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#checkAccess()), [countStackFrames](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#countStackFrames()), [currentThread](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#currentThread()), [destroy](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#destroy()), [dumpStack](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#dumpStack()), [enumerate](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#enumerate(java.lang.Thread[])), [getContextClassLoader](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#getContextClassLoader()), [getName](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#getName()), [getPriority](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#getPriority()), [getThreadGroup](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#getThreadGroup()), [holdsLock](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#holdsLock(java.lang.Object)), [interrupt](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#interrupt()), [interrupted](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#interrupted()), [isAlive](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#isAlive()), [isDaemon](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#isDaemon()), [isInterrupted](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#isInterrupted()), [join](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#join()), [join](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#join(long)), [join](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#join(long,%20int)), [resume](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#resume()), [setContextClassLoader](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#setContextClassLoader(java.lang.ClassLoader)), [setDaemon](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#setDaemon(boolean)), [setName](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#setName(java.lang.String)), [setPriority](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#setPriority(int)), [sleep](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#sleep(long)), [sleep](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#sleep(long,%20int)), [start](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#start()), [stop](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#stop()), [stop](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#stop(java.lang.Throwable)), [suspend](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#suspend()), [toString](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#toString()), [yield](http://java.sun.com/j2se/1.4/docs/api/java/lang/Thread.html#yield()) |

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| **Methods inherited from class java.lang.**[**Object**](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html) |
| [clone](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#clone()), [equals](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#finalize()), [getClass](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#getClass()), [hashCode](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#hashCode()), [notify](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#notify()), [notifyAll](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#notifyAll()), [wait](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#wait()), [wait](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#wait(long)), [wait](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#wait(long,%20int)) |

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| **Method Detail** |

### run

public void **run**()

Waits for a client to connect to the ident server before making an appropriate response. Note that this method is started by the class constructor.

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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/IdentServer.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | |  |  | ***PircBot Java IRC Bot*** |
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