

The Jetty Server

org.mortbay.jetty
Class Server

The Class Server inherits classes like:

org.mortbay.component.AbstractLifeCycle
Org.mortbay.jetty.handler.AbstractHandler
Org.mortbay.jetty.handler.HandlerCollection

And [handler](#) and [LifeCycle](#) are the implemented interfaces

The class [Server](#) extends Handler Collection from org.mortbay.jetty.handler.HandlerCollection Jetty HTTP Servlet Server. This class is the main class for the Jetty HTTP Servlet Server. It aggregates Connectors (HTTP request receivers) and request Handlers. The server itself is a handler and a ThreadPool. Connectors use the ThreadPool methods to run jobs that will eventually call the handle method

Fields inherited from class org.mortbay.jetty.handler.AbstractHandler

_String

protected java.lang.String_string

Fields inherited from interface org.mortbay.jetty.Handler

ALL

public static final int ALL

DEFAULT

public static final int DEFAULT

ERROR

public static final int ERROR

FORWARD

public static final int FORWARD

INCLUDE

public static final int INCLUDE

REQUEST

public static final int REQUEST

Here is the Constructor struture for Class Server in Jetty6

Server

public Server()

Methods inherited from class org.mortbay.jetty.handler.HandlerCollection

addHandler

```
public void addHandler(Handler handler)
```

getHandler

```
public Handler getHandler()
```

Convenience method to set a single handler

Returns:
the handler.

getHandlers

```
public Handler[] getHandlers()
```

Returns:
Returns the handlers.

removeHandler

```
public void removeHandler(Handler handler)  
throws java.lang.Exception
```

Throws:
java.lang.Exception

setHandler

```
public void setHandler(Handler handler)
```

Convenience method to set a single handler

Parameters:
handler - The handler to set.

setServer

```
public void setServer(Server server)
```

Specified by:
setServer in interface Handler

Overrides:
setServer in class AbstractHandler

Methods inherited from class org.mortbay.jetty.handler.AbstractHandler**getServer**

```
public Server getServer()
```

Specified by:
getServer in interface Handler

toString

```
public java.lang.String toString()
```

isFailed

```
public boolean isFailed()
```

Specified by:
isFailed in interface LifeCycle

Returns:
True if the LifeCycle is failed

isRunning

```
public boolean isRunning()
```

Specified by:
isRunning in interface LifeCycle

Returns:
True if the LifeCycle is starting or has been started

isStarted

public boolean isStarted()

Specified by:
isStarted in interface Lifecycle

Returns:
True if the Lifecycle has been started

isStarting

public boolean isStarting()

Specified by:
isStarting in interface Lifecycle

Returns:
True if the Lifecycle is starting.

isStopping

public boolean isStopping()

Specified by:
isStopping in interface Lifecycle

Returns:
True if the Lifecycle is stopping

start

public final void start()
throws java.lang.Exception

Description copied from interface: Lifecycle
Start the Lifecycle.

Specified by:
start in interface Lifecycle

stop

public final void stop()
throws java.lang.Exception

Description copied from interface: Lifecycle
Stop the Lifecycle. The Lifecycle may wait for current activities to complete normally, but it can be interrupted.

Specified by:
stop in interface Lifecycle

Throws:
java.lang.Exception - An arbitrary exception may be thrown.

Methods inherited from class java.lang.Object

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

Methods inherited from interface org.mortbay.jetty.Handler**getServer**

public Server getServer()

Methods inherited from interface org.mortbay.component.Lifecycle

isFailed

```
public boolean isFailed()
```

Returns:

True if the Lifecycle is failed

isRunning

```
public boolean isRunning()
```

Returns:

True if the Lifecycle is starting or has been started.

isStarted

```
public boolean isStarted()
```

Returns:

True if the Lifecycle has been started.

isStarting

```
public boolean isStarting()
```

Returns:

True if the Lifecycle is starting.

isStopping

```
public boolean isStopping()
```

Returns:

True if the Lifecycle is stopping

start

```
public void start()
```

throws java.lang.Exception

Start the Lifecycle.

Throws:

java.lang.Exception - An arbitrary exception may be thrown.

stop

```
public void stop()
```

throws java.lang.Exception

Stop the Lifecycle. The Lifecycle may wait for current activities to complete normally, but it can be interrupted.

Throws:

java.lang.Exception - An arbitrary exception may be thrown.