

# StratmasDispatcher - notes on usage

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## 1 Starting the StratmasDispatcher server

The easiest way to start the StratmasDispatcher server is to use the script `StartDispatcher.command` (or `StartDispatcher.bat` on Windows platforms) provided in the distribution under the `StratmasServer`-directory. If the dispatcher is to run on a non-default port, use the `-p` switch to specify the desired port number.

## 2 Adding StratmasServers to the StratmasDispatcher

The StratmasDispatcher keeps a pool of servers that it monitors by periodically querying each server about its current load. To make a StratmasServer join this pool it is necessary to provide the address of the StratmasDispatcher. This is done using the `-d` switch as follows:

```
stratmas -d myhost.mydomain
```

optionally the port number can be specified with `--dispatcher-port`.

## 3 Using the StratmasDispatcher with a StratmasClient

In order to make a StratmasClient use a StratmasDispatcher for automatic allocation of StratmasServer instances it is necessary to inform the client where the dispatcher is running. This is currently done by providing a JVM-property called `DISPATCHER` which is expected to contain a host name, optionally followed by a colon followed by a port number. Disregarding the other options to the StratmasClient such a specification would look as follows:

```
java -DDISPATCHER=myhost.mydomain:4181 -jar StratmasClient.jar
```