

## 1. Quick Start

This document gives you a brief introduction to the most common commands in the AGETOR Runtime Environment.

### 1.1 Broker

broker-start	Starts the Broker. If a proper configuration file is not present the broker may terminate immediately. The broker logs events in the <code>logs/broker.log</code> file.
bcmd	<p>Starts a commandline based client that monitors the Broker. This client allows you to check which services and clients are connected by pinging them. When the Broker service is able to ping a service, the service is able to receive requests.</p> <p>When a client sends a request to a service via the Broker, the Broker increments the services load. When the service sends a response to the client, the Broker decrements the services load. Thus if the client does not receive a response from a service, the services load will be higher than zero.</p>

### 1.2 ServiceRunner

services-start	Starts the Servicrunner. The ServiceRunner reads the services configuration file(s) and starts the services in the described way. The ServiceRunner logs events in the <code>logs/servicerunner.log</code> file.
scmd	<p>Starts a commandline based client that monitors the ServiceRunner. This client allows you to check if services are running.</p> <p>Note that even if the ServiceRunner marks a service as running this does not guarantee that the service will answer requests. The service itself may be blocked in some way or it might not be configured correctly in the broker configuration.</p>

### 1.3 Webserver – Tomcat 4

tomcat4 start	Starts the webserver. You can use Tomcat 4 instead of Apache. If the webserver and ServletRunner (not ServiceRunner) are configured properly this will enable servlets and JSP pages to execute on the webserver.
tomcat4 stop	Stops the webserver.

### 1.4 Webserver – apache

If you are working on a Unix or Linux platform, you must only run the following commands as root.

webserver start	Starts the webserver. If the webserver and ServletRunner (not ServiceRunner) are configured properly this will enable servlets to execute on the webserver.
webserver stop	Stops the webserver.
webserver restart	Restarts the webserver. This has the same effect as running <code>webserver stop</code> followed by <code>webserver start</code> .

### **1.5 Webserver – Tomcat 3**

tomcat start	Starts the webserver. You can use Tomcat instead of Apache. If the webserver and ServletRunner (not ServiceRunner) are configured properly this will enable servlets and JSP pages to execute on the webserver.
tomcat stop	Stops the webserver.