

# Osgi Tips And Tricks

Random [osgi](#) tips and tricks - we're learning...

## Log service usage

Example of locating the stack trace of an exception which only says "Internal server error" on the browser.

This works after starting Cocoon using `cocoon.sh` from the whiteboard/osgi directory, and making a request which causes a *500 Internal error*.

```
> enter log
log> show
...
juil. 18 16:27:48 INFO #5 HTTP Server
  Errors during initializing Apache Cocoon 2.2.0-dev :
    Unable to read configurations from context://WEB-INF/xconf
...
```

This shows that bundle #5 caused the error.

```
log> show -s 5
...
juil. 18 16:27:47 WARNING #5HTTP Server -
  org.apache.cocoon.servlet.CocoonServlet:
  [ERROR] Could not set up Cocoon Logger, will use screen instead
  org.apache.avalon.framework.configuration.ConfigurationException: Unable to read configurations from
context://WEB-INF/xconf
      at org.apache.cocoon.core.CoreUtil.initLogger(CoreUtil.java:517)
      at org.apache.cocoon.core.CoreUtil.init(CoreUtil.java:170)
      at org.apache.cocoon.core.CoreUtil.<init>(CoreUtil.java:110)
```