

# Configuring Logging With System Properties

The Fedora 4 logging output can be configured by setting System properties for either all logging output, or for individual packages.

Property	Description
<code>fcrepo.log</code>	All Fedora 4 logging
<code>fcrepo.log.auth</code>	Authentication and authorization
<code>fcrepo.log.connector.file</code>	Filesystem federation
<code>fcrepo.log.generator.dublincore</code>	DC format
<code>fcrepo.log.http.api</code>	REST API interface
<code>fcrepo.log.http.common</code>	REST API implementation
<code>fcrepo.log.jms</code>	JMS events
<code>fcrepo.log.kernel</code>	Core API
<code>fcrepo.log.storage.policy</code>	Policy-driven storage
<code>fcrepo.log.transform</code>	Transformation

These properties can be set to any of these values (in increasing verbosity): "ERROR", "WARN", "INFO" (the default), "DEBUG" or "TRACE". For example, to increase the access control logging to debug, but decrease all other logging to warn, add these System properties to your Java command line:

```
-Dfcrepo.log=WARN -Dfcrepo.log.auth=DEBUG
```

There are also a few properties for test logging, which only impact the logging when building Fedora 4 from source:

Property	Description
<code>fcrepo.log.integration.http</code>	REST API integration tests
<code>fcrepo.log.integration.jms</code>	JMS events integration tests