

Is there anyway to add a web interceptor to the Neo4j server?

4 posts by 2 authors 



cui r

Apr 29



Hi,

Is there anyway to add a web interceptor to the Neo4j server to log a few customized HTTP headers sent along with requests?

I am aware of the server extension, but I need to get hold of the `HttpServletRequest`. How do I get that?

Thanks in advance.
Rick



Michael Hunger

Apr 29



There is built in http request logging:

```
org.neo4j.server.http.unsafe.content_log.enabled=true
```

In `neo4j-server.properties`, and by specifying the http log to output full requests and responses:

```
<pattern>%fullRequest\n\n%fullResponse</pattern>
```

As this uses mechanisms to fully duplicate incoming request and response streams, it is strongly recommended to not run this in a production setting. However, it should prove very useful for debugging and testing

and if you use a server extension + plugin-initializer you can get access to the neo4j webserver and use the `addFilter()` method.

see here for an example: <https://github.com/neo4j-contrib/authentication-extension/blob/2.1/src/main/java/org/neo4j/server/extension/auth/AuthenticationExtensionInitializer.java#L83>

- show quoted text -
- show quoted text -

--

You received this message because you are subscribed to the Google Groups "Neo4j" group.

To unsubscribe from this group and stop receiving emails from it, send an email to [neo4j+un...@googlegroups.com](mailto:neo4j+unsubscribe@googlegroups.com).

For more options, visit <https://groups.google.com/d/optout>.



cui r

May 8



Thanks a lot, Michael. Very informative.

We are able to use server extension + plugin-initializer (with SPIPluginLifecycle) to customize the security checking.

However, I am a little concerned with the usage of NeoServer in the SPIPluginLifecycle, since it's deprecated. The java doc says it's going to be deprecated in the next major release.

Currently, is there any substitute for this class so that we could get a grasp of the webserver (we need to inject our customized filter there)?

Appreciate it.

Rick

- show quoted text -



Michael Hunger

May 11



There is currently no substitute. But there will be an alternative if it is to be removed.

Michael

- show quoted text -