

EDIT - bug #9185

DateHeaderFilter.doFilter(..) causes NPE in FrameworkServlet.processRequest(..) on 404 HTTP response

08/12/2020 07:17 AM - Andreas Kohlbecker

Status:	Closed	Start date:	
Priority:	Highest	Due date:	
Assignee:	Andreas Kohlbecker	% Done:	100%
Category:	cdmlib-remote	Estimated time:	0:00 hour
Target version:	Release 5.23	Found in Version:	
Severity:	normal		
Description			
<pre>00:00:05.479 [flora-malesiana] [qtp527446182-27609] INFO e.e.c.r.controller.BaseController - doGetMethod() [doGetAnnotations] GET: /flora-malesiana/taxon/065068df-055b-4756-bbca-fb0ad0ecaf4f/annotations 00:00:05.482 [flora-malesiana] [qtp527446182-27609] INFO e.e.c.r.controller.HttpStatusMessage - HTTP 404 : uuid not found 00:00:05.482 [flora-malesiana] [qtp527446182-27609] WARN e.e.cdm.servlet.DateHeaderFilter - Cannot add data header. org.springframework.web.util.NestedServletException: Request processing failed; nested exception is java.lang.NullPointerException at org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:981) at org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:860) at javax.servlet.http.HttpServlet.service(HttpServlet.java:687) at org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:845) at javax.servlet.http.HttpServlet.service(HttpServlet.java:790) at org.eclipse.jetty.servlet.ServletHolder\$NotAsyncServlet.service(ServletHolder.java:1395) at org.eclipse.jetty.servlet.ServletHolder.handle(ServletHolder.java:755) at org.eclipse.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1617) at org.springframework.security.web.FilterChainProxy\$VirtualFilterChain.doFilter(FilterChainProxy.java:316) at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.invoke(FilterSecurityInterceptor.java:126) at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.doFilter(FilterSecurityInterceptor.java:90) at org.springframework.security.web.FilterChainProxy\$VirtualFilterChain.doFilter(FilterChainProxy.java:330) at org.springframework.security.web.access.ExceptionTranslationFilter.doFilter(ExceptionTranslationFilter.java:114) at org.springframework.security.web.FilterChainProxy\$VirtualFilterChain.doFilter(FilterChainProxy.java:330) at org.springframework.security.web.session.SessionManagementFilter.doFilter(SessionManagementFilter.java:122) at org.springframework.security.web.FilterChainProxy\$VirtualFilterChain.doFilter(FilterChainProxy.java:330) at org.springframework.security.web.authentication.AnonymousAuthenticationFilter.doFilter(AnonymousAuthenticationFilter.java:111) at org.springframework.security.web.FilterChainProxy\$VirtualFilterChain.doFilter(FilterChainProxy.java:330) at org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter.doFilter(SecurityContextHolderAwareRequestFilter.java:169) at org.springframework.security.web.FilterChainProxy\$VirtualFilterChain.doFilter(FilterChainProxy.java:330) at org.springframework.security.web.savedrequest.RequestCacheAwareFilter.doFilter(RequestCacheAwareFilter.java:48) at org.springframework.security.web.FilterChainProxy\$VirtualFilterChain.doFilter(FilterChainProxy.java:330) at org.springframework.security.web.authentication.www.BasicAuthenticationFilter.doFilterInternal(BasicAuthenticationFilter.java:158)</pre>			

```
    at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:
107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterCha
inProxy.java:330)
    at org.springframework.security.oauth2.provider.authentication.OAuth2AuthenticationProcess
ingFilter.doFilter(OAuth2AuthenticationProcessingFilter.java:176)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterCha
inProxy.java:330)
    at org.springframework.security.web.authentication.logout.LogoutFilter.doFilter(LogoutFilt
er.java:120)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterCha
inProxy.java:330)
    at org.springframework.security.web.header.HeaderWriterFilter.doFilterInternal(HeaderWrite
rFilter.java:64)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:
107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterCha
inProxy.java:330)
    at org.springframework.security.web.context.SecurityContextPersistenceFilter.doFilter(Secu
rityContextPersistenceFilter.java:91)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterCha
inProxy.java:330)
    at org.springframework.security.web.context.request.async.WebAsyncManagerIntegrationFilter
.doFilterInternal(WebAsyncManagerIntegrationFilter.java:53)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:
107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterCha
inProxy.java:330)
    at org.springframework.security.web.FilterChainProxy.doFilterInternal(FilterChainProxy.jav
a:213)
    at org.springframework.security.web.FilterChainProxy.doFilter(FilterChainProxy.java:176)
    at org.springframework.web.filter.DelegatingFilterProxy.invokeDelegate(DelegatingFilterPro
xy.java:346)
    at org.springframework.web.filter.DelegatingFilterProxy.doFilter(DelegatingFilterProxy.jav
a:262)
    at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1604)
    at eu.etaxonomy.cdm.servlet.DateHeaderFilter.doFilter(DateHeaderFilter.java:55)
```

can be reproduced with requests like

<http://localhost:8080/taxon/6eb85af1-b12b-48ba-8767-a77936261044/specimensOrObservationsCount>

Associated revisions

Revision 679982a0 - 05/04/2021 12:56 PM - Andreas Kohlbecker

fix #9185 catching and logging NPE and NestedServletExceptions properly at appropriate levels

Revision 149c59a9 - 10/27/2022 11:04 AM - Andreas Müller

ref #9185 set loglevel to debug for NPE in DateHeaderFilter

History

#1 - 08/12/2020 07:44 AM - Andreas Kohlbecker

can this minor problem be solved by changing the order in DateHeaderFilter.doFilter() like this?

```
@Override
```

```
    public void doFilter(ServletRequest request, ServletResponse response, FilterChain chain)
        throws IOException, ServletException {
```

```
        chain.doFilter(request, response);
        // add date header at last
        OffsetDateTime dateTime = OffsetDateTime.now();
        HttpServletResponse httpServletResponse = (HttpServletResponse) response;
        httpServletResponse.setHeader("Date", dateTime.format(DateTimeFormatter.RFC_1123_DATE_TIME));
    }
```

#2 - 05/04/2021 11:41 AM - Andreas Kohlbecker

- Priority changed from New to Highest
- Target version changed from Unassigned CDM tickets to Release 5.25

This error makes cdm-server log hardly readable, hence, it should be solved rather soon.

#3 - 05/04/2021 11:58 AM - Andreas Kohlbecker

- Description updated

#4 - 05/04/2021 12:56 PM - Andreas Kohlbecker

- Status changed from New to Resolved
- % Done changed from 0 to 50

Applied in changeset [cdmlib|679982a065408133f36b72f39d2f70d4fe2856fa](#).

#5 - 05/04/2021 12:56 PM - Andreas Kohlbecker

review: scan logs

#6 - 05/11/2021 05:47 PM - Andreas Kohlbecker

- Status changed from Resolved to Closed
- % Done changed from 50 to 100

no longer such NPEs in the logs

#7 - 05/17/2021 09:52 AM - Andreas Müller

- Target version changed from Release 5.25 to Release 5.23