

z2-Environment - Bug #2169

Cleanup of collected resources may remove good resource entry

29.02.2024 14:35 - Henning Blohm

Status:	Feedback	Start date:	29.02.2024
Priority:	Normal	Due date:	
Assignee:	Udo Offermann	% Done:	0%
Category:	z2-core	Estimated time:	0.00 hour
Target version:	2.9.1b.1		
origin:			
Description			
The following sequence of events may lead to untracking of a still valid resource:			
1. In NamespaceImpl _getResourceHandleImplNonNull we find a vh!=null && rh==null and (in another loop) put the vh directly into the invQ.			
2. A subsequent tick() removes the vh.getKey() from the resource map and we can bind a new entry			
Later:			
3. In another tick we ingest the gc queue from the resource map into invQ. Because only now the GC noted the collected value, we get the same vh from above again in the invQ and the tick removes the key again from the resource map.			
Solution			
<ul style="list-style-type: none">• In tick make sure to check for value holders that are still bound in the map• Only remove from the map, if it is still bound.			
Related issues:			
Related to z2-Environment - Improvement #2171: Upport #2169 to 2.10.1		Feedback	29.02.2024
Related to z2-Environment - Improvement #2170: Upport #2169 to 2.9.6		New	29.02.2024

History

#1 - 29.02.2024 14:37 - Henning Blohm

- Description updated

#2 - 29.02.2024 14:41 - Henning Blohm

- Category set to z2-core

- Status changed from New to In Progress

- Assignee set to Henning Blohm

- Target version set to 2.9.1b

#3 - 29.02.2024 14:55 - Henning Blohm

- Target version changed from 2.9.1b to 2.9.1b.1

#4 - 29.02.2024 14:57 - Henning Blohm

- Status changed from In Progress to Feedback

- Assignee changed from Henning Blohm to Udo Offermann

#5 - 29.02.2024 15:43 - Henning Blohm

- Related to Improvement #2171: Upport #2169 to 2.10.1 added

#6 - 29.02.2024 15:43 - Henning Blohm

- Related to Improvement #2170: Upport #2169 to 2.9.6 added