z2-Environment - Bug #2208

Locking in BeanResource may lead to dead lock

26.11.2026 16:08 - Henning Blohm

Status:	New	**Start date:**	26.11.2026
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	z2-addon-spring	**Estimated time:**	0.00 hour
Target version:	3.1		
origin:			

Description

If Spring beans use a direct component lookup on initialization, we may end up in a dead lock situation as BeanResource locks and Spring locks the application context.

So might end up:

a: Somewhere -> lookup C => lock(BeanResource) => lock(AppContext 2) -> Bean of C
b: lock(AppContext 2) -> Init Bean2 of AppContext 2 -> lookup C => lock(BeanResource)

So, because Spring acquires that BIG lock, we need to reduce ours, possibly doing a double lookup, which should not matter.