z2-Environment - Improvement #2061

Remove pending JGit locks if found and lock access to Git repo of Git Component Repo with safe file lock

30.03.2020 12:27 - Henning Blohm

Status:	Resolved		**Start date:**	30.03.2020
Priority:	Normal		**Due date:**	
Assignee:	Henning Blohm		**% Done:**	0%
Category:	z2-core		**Estimated time:**	0.00 hour
Target version:	2.9			
origin:				

Description

See https://www.eclipse.org/forums/index.php?t=msg&th=1102984&goto=1823307&#msg_1823307 for more details.

Currently JGit may leave blocking file locks when crashing. As that may prevent z2 from starting up, and as z2 is the only process that legitimately access the GitCR Git repo, we can
lock externally using a safe java.nio.channels.FileLock based mechanism.

Acceptance Criteria

- Lock fetch on the git repo in the gitcr using LockingRevFile.
- If finding a .git/index.lock at fetch time, delete it.

Related issues:

Has duplicate z2-Environment - Bug #2073: Git locks may be left after crash a...	**Resolved**	**17.06.2020**

History

#1 - 03.04.2020 09:10 - Henning Blohm

- Status changed from New to Resolved

#2 - 03.04.2020 09:10 - Henning Blohm

Also added to core patch v2.5.3

#3 - 11.07.2021 11:49 - Henning Blohm

- Has duplicate Bug #2073: Git locks may be left after crash and prevent update operation on z2 sync or startup added