

DragonFlyBSD - Bug #3249

HAMMER2 fsync(2) not working properly

09/21/2020 07:07 AM - tkusumi

Status:	New	Start date:	09/21/2020
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
<p>VOP_FSYNC in HAMMER2 doesn't flush chains all the way up to the root, because inodes are initially detached from its parent and they are still detached when fsync happens.</p> <p>This is also mentioned in the below comment in hammer2_vnops.c. "This function does not flush the root topology down to the inode."</p> <p>But if that's part of the design, what's the point of fsync in HAMMER2 ?</p> <p>e.g. In HAMMER2, a regular file is gone after creat() -> write() -> fsync() -> force-reboot. To be exact, after force-reboot, nothing (no inode, dirent, data) from creat/write/fsync was allocated in freemap.</p>			