

[data corruption fix]



inplace update: send nontransactional invalidations

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- **Impact of leaving bug unpatched:** silent wrong query results due to indexes missing entries
- **Background:** code has been in master since 2024-11-03, three commits 243e9b4, 8e7e672, 0bada39. The third commit fixed a regression in the first commit. While the probability of reaching that regression was low, the disruption was extreme. No new backends could start, and service restoration needed an immediate shutdown.
- **Need:** another detailed review before releasing to **back branches**.
- Main subsystem patched: inval.c
- **Get involved:** <https://commitfest.postgresql.org/patch/5091/>

Session 1: CREATE INDEX	Session 2: ALTER TABLE
	load pg_class row in catcache
BEGIN; CREATE INDEX; ABORT -- sets relhasindex=true	
BEGIN; CREATE INDEX; COMMIT	
	ALTER TABLE using cached row as oldtup -- loses relhasindex