

CASE 1 = PG v10 + make check-world						
CASE 2 =PG v10 +Parallel Index scan patch +make check-world					No Performance gain	
CASE 3=PG v10 + Parallel Index scan patch +TestCase Patch +make check-world					Performance improved	
	<b>Case 1:</b>		<b>Case 2:</b>		<b>Case 3:</b>	
	Lines:	67.9 %	Lines:	67.8 %	Lines:	67.70%
	Functions:	76.6 %	Functions:	76.5 %	Functions:	76.40%
	<b>Case 1</b>		<b>Case 2</b>		<b>Case 3</b>	
<b>Modified Files</b>	<b>Lines</b>	<b>Functions</b>	<b>Lines</b>	<b>Functions</b>	<b>Lines</b>	<b>Functions</b>
src/backend/access/brin/brin.c	89.2 %	90.9 %	89.3 %	90.9 %	88.9 %	90.9 %
src/backend/access/gin/ginutil.c	95.3 %	100.0 %	95.3 %	100.0 %	95.3 %	100.0 %
src/backend/access/gist/gist.c	65.2 %	70.6 %	65.4 %	70.6 %	65.4 %	70.6 %
src/backend/access/hash/hash.c	94.3 %	92.9 %	94.4 %	92.9 %	94.3 %	92.9 %
src/backend/access/index/genam.c	90.9 %	100.0 %	90.9 %	100.0 %	92.3 %	100.0 %
src/backend/access/index/indexam.c	99.4 %	100.0 %	87.0 %	87.0 %	98.2 %	100.0 %
src/backend/access/nbtree/nbtree.c	88.9 %	100.0 %	75.4 %	79.2 %	87.6 %	95.8 %
src/backend/access/nbtree/nbtsearch.c	83.7 %	100.0 %	76.9 %	93.3 %	86.2 %	100.0 %
src/backend/access/nbtree/nbtutils.c	72.1 %	85.2 %	72.0 %	85.2 %	71.9 %	85.2 %
src/backend/access/spgist/spgutils.c	87.9 %	95.2 %	88.1 %	95.2 %	87.9 %	95.2 %
src/backend/commands/cluster.c	88.7 %	100.0 %	88.7 %	100.0 %	88.6 %	100.0 %
src/backend/executor/execAmi.c	74.1 %	100.0 %	71.9 %	88.9 %	72.1 %	88.9 %
src/backend/executor/executeIndexing.c	92.0 %	100.0 %	92.0 %	100.0 %	92.9 %	100.0 %
src/backend/executor/execParallel.c	66.5 %	78.6 %	64.8 %	78.6 %	90.5 %	92.9 %
src/backend/executor/nodeBitmapIndexscan.c	97.3 %	100.0 %	97.3 %	100.0 %	100.0 %	100.0 %
src/backend/executor/nodeIndexonlyscan.c	90.8 %	88.9 %	90.8 %	88.9 %	90.8 %	88.9 %
src/backend/executor/nodeIndexscan.c	85.8 %	100.0 %	82.3 %	85.7 %	73.2 %	100.0 %
src/backend/optimizer/path/costsize.c	97.0 %	100.0 %	97.1 %	100.0 %	97.1 %	100.0 %
src/backend/optimizer/path/indxpath.c	84.9 %	97.9 %	85.0 %	97.9 %	85.2 %	97.9 %
src/backend/optimizer/plan/planner.c	95.1 %	97.3 %	95.1 %	97.3 %	95.1 %	97.3 %
src/backend/optimizer/util/pathnode.c	95.5 %	100.0 %	96.0 %	100.0 %	96.4 %	100.0 %
src/backend/optimizer/util/plancat.c	92.5 %	100.0 %	92.5 %	100.0 %	92.4 %	100.0 %
src/backend/postmaster/pgstat.c	65.3 %	74.5 %	65.3 %	74.5 %	65.3 %	74.5 %
src/backend/utils/adt/selfuncs.c	82.3 %	84.1 %	82.3 %	84.1 %	82.6 %	85.2 %