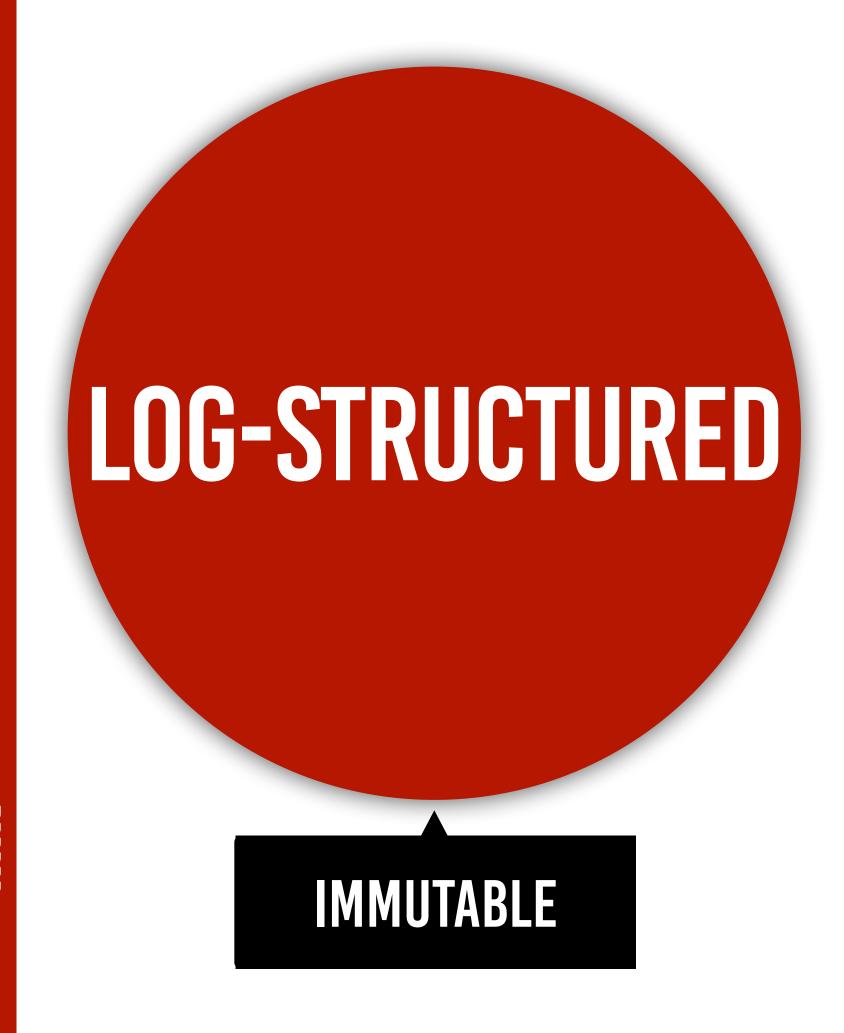
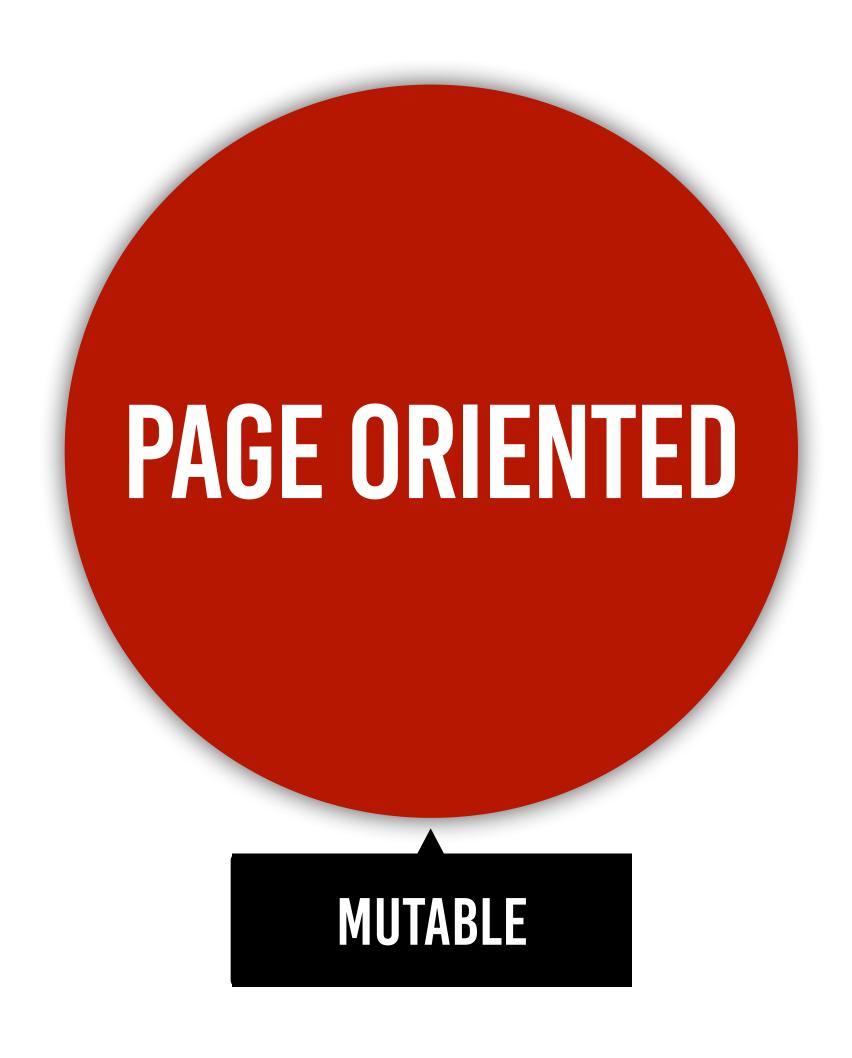
## DESIGNING DATA-INTENSIVE APPLICATIONS

B-TRES NDEX



## WE HAVE 2 FAMILIES OF STORAGE ENGINES







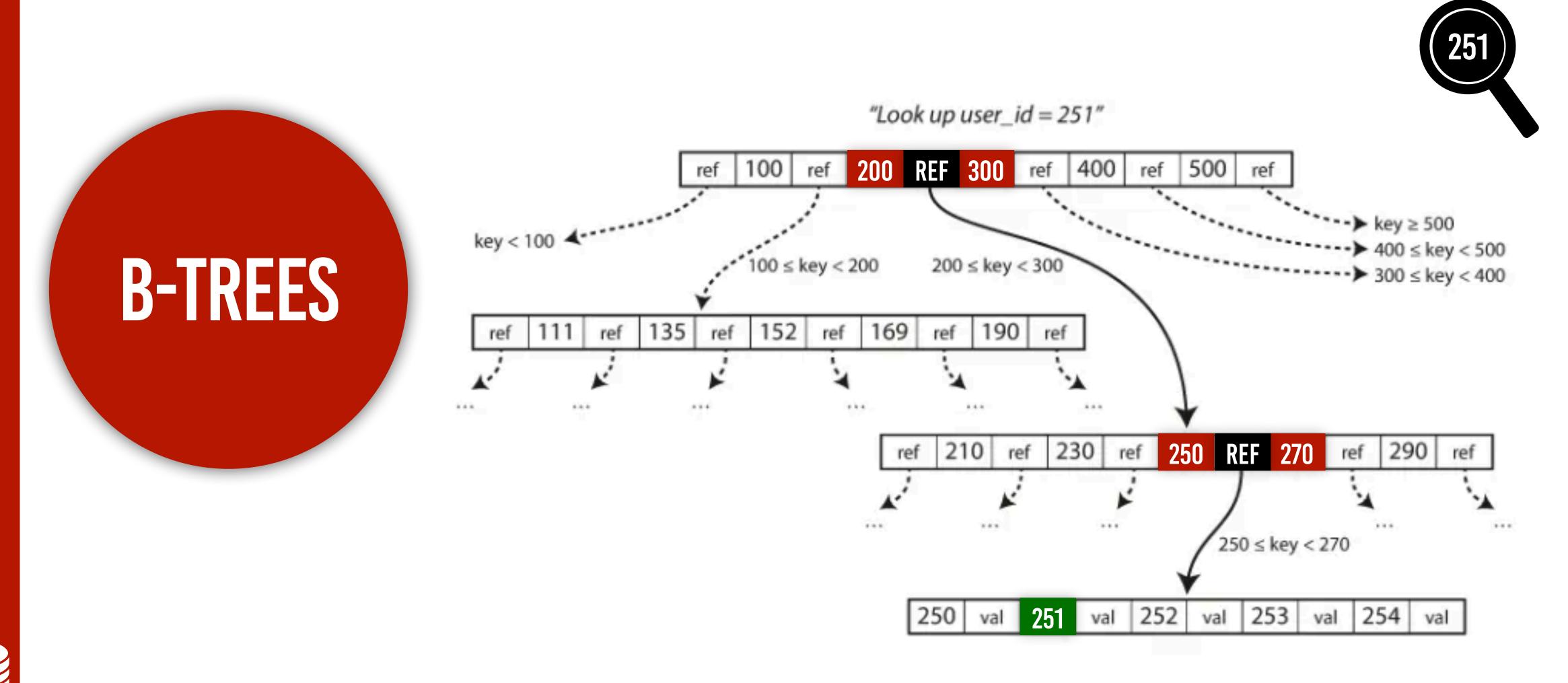


SORTED KEY / VALUE PAIRS

FIXED SIZE BLOCKS / PAGES

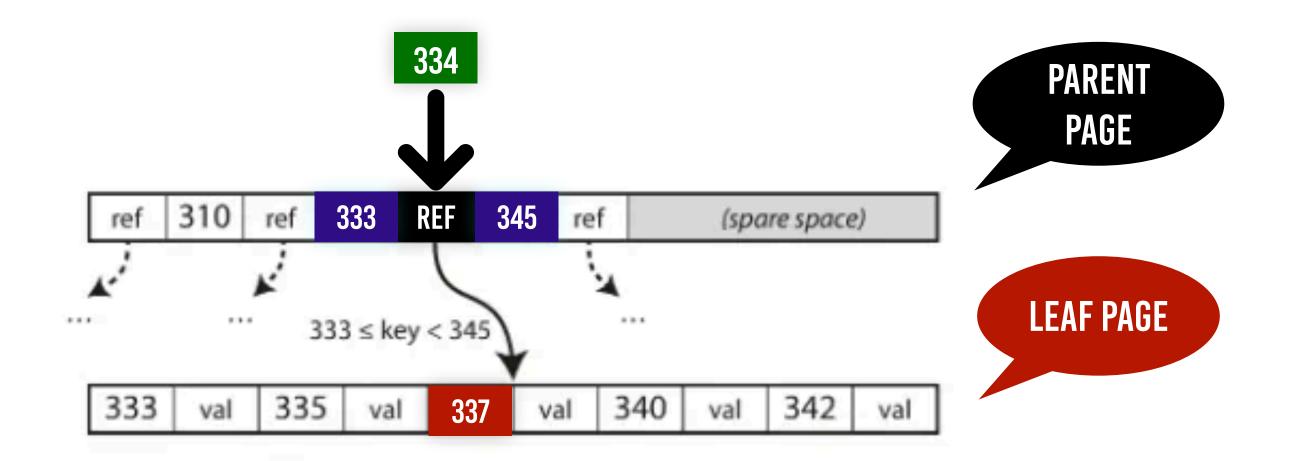
ON DISK NOT RAM

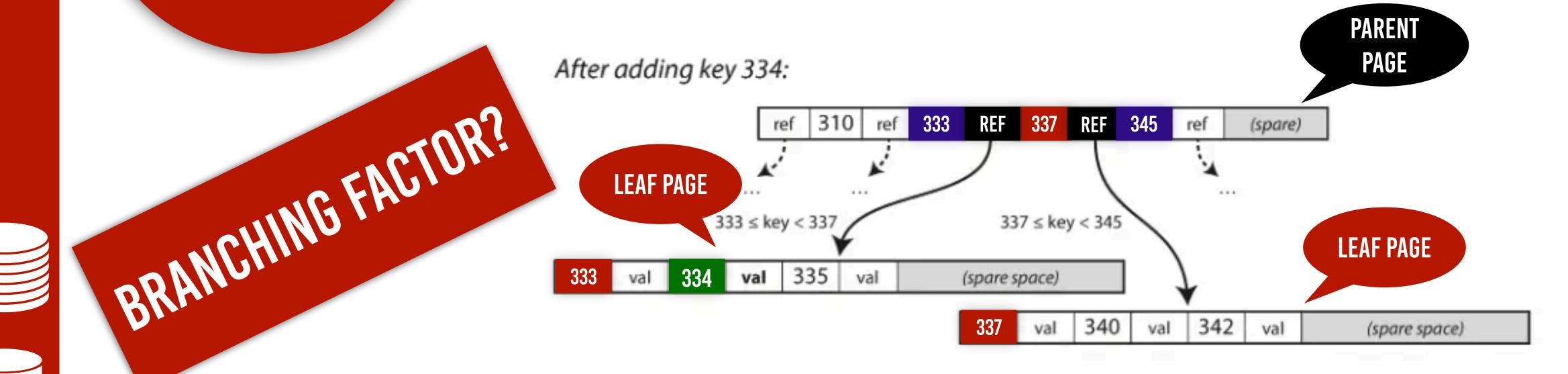














## PERFORMANCE ENHANCEMENTS IN B-TREES

