

The True Cost of Manual Database Changes

Today's Challenges

Rework



91% of teams have to rework database changes 2-3 times before production deployment¹

Downtime



88% of teams say it took more than an hour to resolve database issues in production¹

\$2,298,000 per year

Total cost of manually deploying database changes⁴

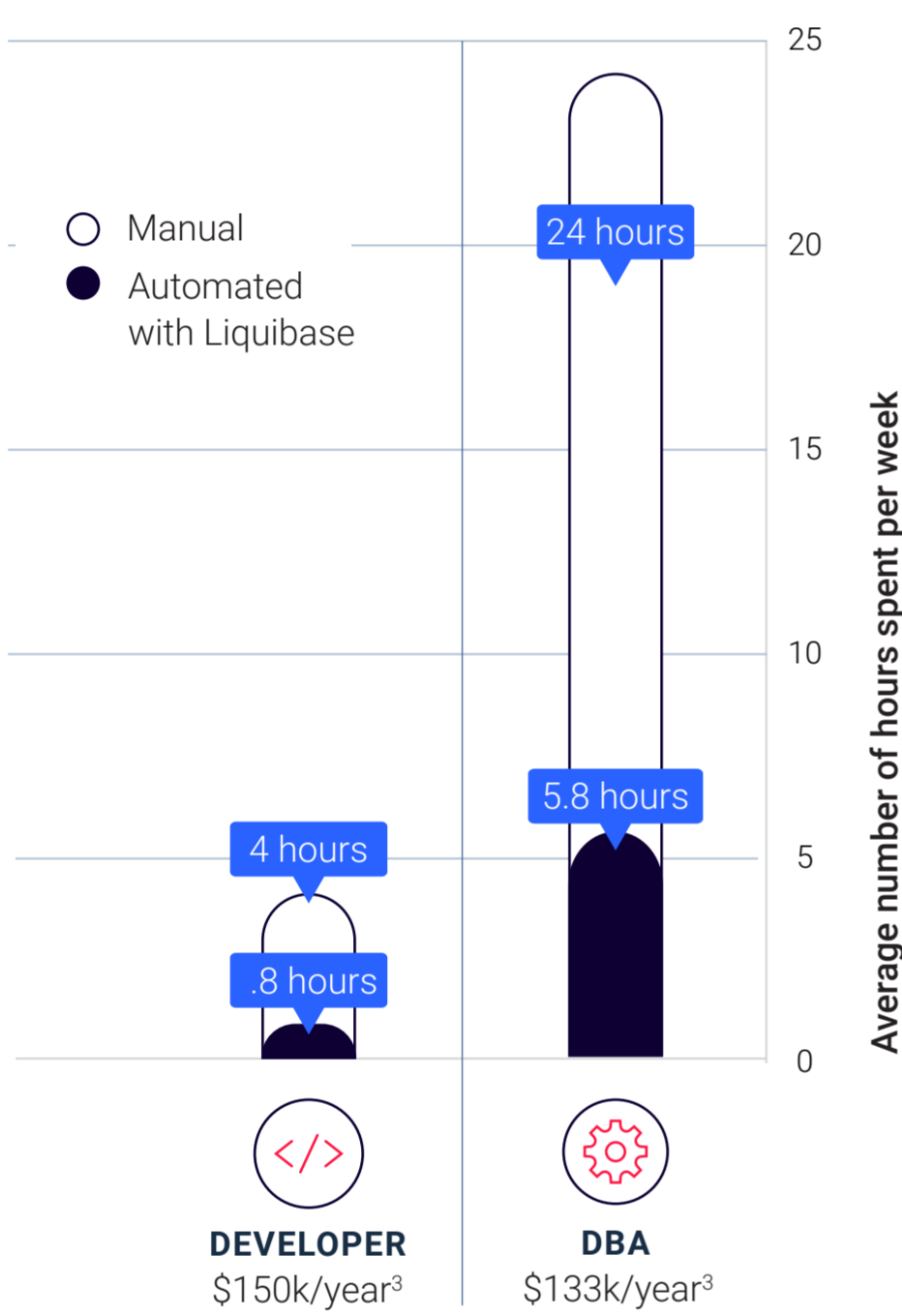
\$3,000,000 per year

Cost of database schema changes in production

Liquibase provides **80% savings** for both Developers and DBAs²



BEFORE LIQUIBASE vs AFTER LIQUIBASE



2 hours Average amount of time it takes to resolve an application outage

up to \$6,767 per minute (or \$406,000 per hour) Average downtime costs⁴



\$812,000 Average amount of revenue lost due to an application production outage



15 outages

Average number of average number of IT outages per year⁵

\$492,850 per year Cost of of deploying database changes after Liquibase⁶

\$0 outages Cost of database schema errors after Liquibase

REWORK SAVINGS

\$1.8M per year using Liquibase

ERROR SAVINGS

\$12M per year using Liquibase

\$13.8M per year

Average amount IT leaders can save by using Liquibase for Database Release Automation

See for Yourself

SEE A DEMO

[Liquibase.com/demo](https://liquibase.com/demo)

Sources

¹Dimensional Research. 2019 STATE OF DATABASE DEPLOYMENTS IN APPLICATION DELIVERY. May 2019.

²Liquibase Enterprise customers. Data on file.

³Payscale.com for DBA and software developer salaries.

⁴2019 Forrester's The Real Costs Of Planned And Unplanned Downtime

⁵2022 Queue-it's Downtime Analysis <https://queue-it.com/blog/cost-of-downtime/>

⁶Assuming 100 developers and 10 DBAs.