

SQL Server Continuous Database Delivery with Flyway



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Drawbacks of Shared Dev DB

Stepping on toes

Network drops
Remote work

What changed?
Who
Why

Debug nightmare

Refactoring
discouraged

Advantages of Shared Dev DB

No DB setup

Environment like
prod

Beefy server

Easily share
changes

Problems with Waiting

Path matters
How?

No who, why, how,
when

Data changes

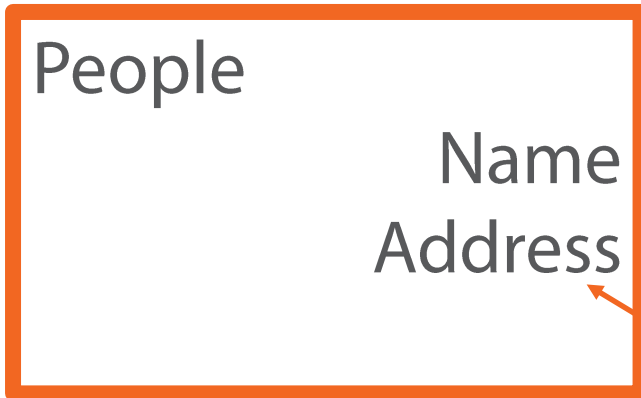
Mistakes

Anxiety

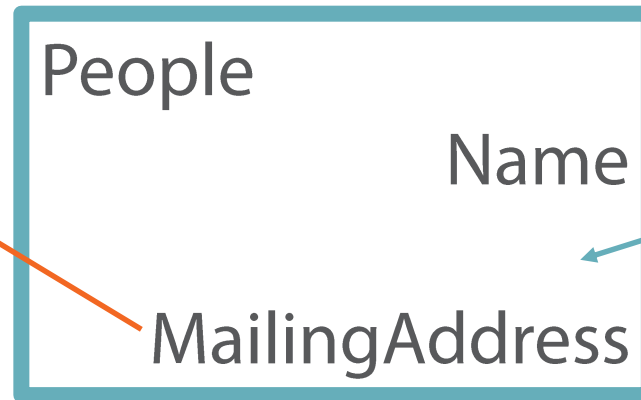
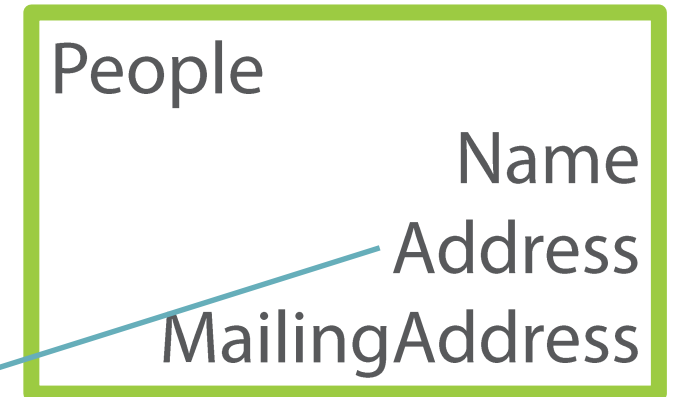
Delayed release

Path Matters

Dev



Prod



Problems with Manual Releases

Mistakes

Silos of
responsibility

Significant
downtime

Environments
misaligned

Test in production

Lack of feedback
and testing

Fearless Change

Confidence

Refactoring

Significant change

Experimentation

Early Feedback

Automated DB
testing

Reduce mistakes

Known working
state

Collaboration

Less rework

Guidance

Removes delay
from handoff

Everyone's problem

History

Who, what, when,
where, why, how

Perspective

Correlation to code
changes

Learning

DBMS

SQL

Resources

Simulation

Local, Dedicated Dev DBs



Faster

Offline

Remote workforce