

Sqitch on PostgreSQL





No Opinions

Sqitch is not tied to any framework, ORM, or platform. Rather, it is a standalone change management system with no opinions about your database engine, application framework, or development environment.



Native scripting

Changes are implemented as scripts native to your selected database engine. Writing a PostgreSQL application? Write SQL scripts for `psql`. Writing a MySQL-backed app? Write SQL scripts for `mysql`.



Dependency resolution

Database changes may declare dependencies on other changes — even changes from other Sqitch projects. This ensures proper order of execution, even when you've committed changes to your VCS out-of-order.



Deployment integrity

Sqitch manages changes and dependencies via a plan file, employing a [Merkle tree](#) pattern similar to [Git](#) and [Blockchain](#) to ensure deployment integrity. As such, there is no need to number your changes, although you can if you want. Sqitch doesn't much care how you name your changes.



Iterative development

Up until you [tag](#) and [release](#) your application, you can modify your change deployment scripts as often as you like. They're not locked in just because they've been committed to your VCS. This allows you to take an iterative or test-driven approach to developing your database

schema.

WTF is sqitch?

Sqitch — это система управления изменениями в базе данных, которая проста и удобна в использовании. Он использует подход на основе каталогов, при котором каждое изменение определяется в отдельном файле и сохраняется в системе контроля версий. Sqitch поддерживает множество баз данных, включая PostgreSQL, MySQL, Oracle и SQLite. Он написан на Perl, но его можно использовать с любым языком программирования.

