



True DevOps – the database as a first class citizen of development

ReadyRoll brings Dev and Ops together, allowing users to develop and deploy SQL Server databases in Visual Studio with a migrations-based approach.

Users define incremental migration scripts for each database change during development. At release time, these scripts form the building blocks for a full deployment script.

Because users make changes to both the application and database in Visual Studio, they can check in combined changes to version control. This establishes a single source of truth for application and database.

ReadyRoll also brings the review of changes into development, so bugs are caught early when they're still cheap to fix. Fixes are applied and tested while still in development.

Model-based deployments in Visual Studio SQL Server Data Tools (SSDT) usually involve generating a script at deployment time. Generally, this requires a pre-deployment approval step and often involves a dedicated DBA.

ReadyRoll moves this step into development, encouraging DBAs and developers to combine forces and work together on tested migration scripts early in the lifecycle.

The Database in the DevOps context

DevOps proposes adopting strategies to help create better collaboration across teams that have traditionally been split into development and operations, or moving to cross-functional teams.

It means teams get early feedback on changes, become jointly accountable for fixing problems, and work together to get value to customers quickly and efficiently.

A common blocker that prevents organizations implementing DevOps is the database. It has unique requirements and often follows a completely different development process from the one used for application development. ReadyRoll lets users make the database a part of their standard process.

“Leave work, get home, clone project, ReadyRoll syncs and seeds my db with my branch. I keep on coding and don't miss a beat.”

Rob Sullivan

“Hands down, ReadyRoll has had the easiest and most complete integration with our development workflow.”

Nathan Donze, Senior Developer, PESI Inc.

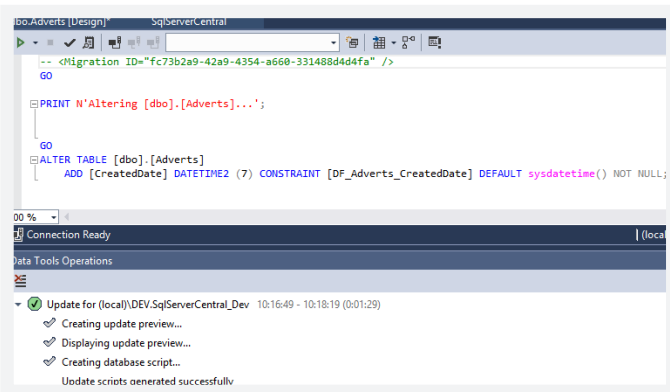


Automation

ReadyRoll's migrations-based approach gives teams full control over how deployments occur. This means it's ideally suited for build and release process automation. Developers simply define the steps – the migration scripts – to go from one version of a database to the next.

Each script gets a sequential number. It's added to version control alongside application code as part of a single solution in Visual Studio.

Builds can be triggered on every commit, and build artifacts used to deploy changes automatically across environments. ReadyRoll even comes with easy-to-use native Visual Studio Team Services (VSTS) extensions.



Auto-generated migration scripts

ReadyRoll improves team productivity by automatically generating each migration script. Users can use them as they are or edit them in Visual Studio. The scripts are generated by Redgate's SQL Compare engine, the industry standard for comparing and deploying SQL Server database schemas.

Evaluation and purchasing information

\$345 per user

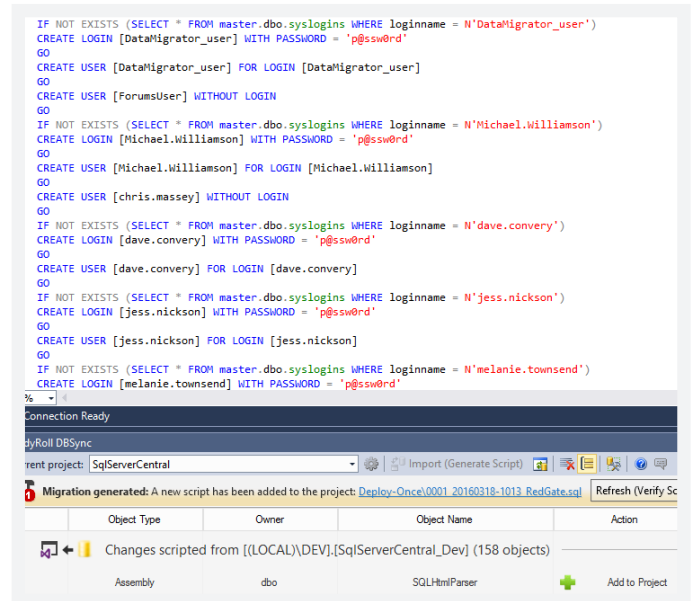
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Confident deployments

ReadyRoll moves review of database changes from deployment to the earliest stage of development. Developers can specify, test, and correct scripts up front. It also comes with a built-in facility to test scripts before they hit production. ReadyRoll uses a clone of the database to check that scripts take the database to the desired state. The likelihood of experiencing major issues at deployment or down-time afterwards is greatly reduced.

Connected development

Redgate ReadyRoll is built on a connected development methodology. It's fully integrated into Visual Studio and gives teams flexibility to develop with any specialized connected editors such as SQL Server Management Studio.

About Redgate

Redgate makes ingeniously simple software used by 650,000 IT professionals. More than 100,000 companies use Redgate products, including 91% of the Fortune 100. Redgate's philosophy is to design highly usable, reliable tools which elegantly solve the problems that developers and DBAs face every day.

