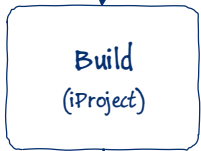


SCA can use anything from a single build script to a directory with object-level scripts in subdirectories.

New-DatabaseProjectObject



This is a PowerShell object that encapsulates the source code and other build information for a project

New-DatabaseBuildArtifact



A build artefact is used to create a release artefact. They are stored as either a Zip or NuGet package so as to keep all the files together. The NuGet format is tamper-proof. Database documentation can be generated automatically and included in the build with the New-DatabaseDocumentation PowerShell cmdlet

Export-DatabaseBuildArtifact



Can be used for code reviews, supervision or security reviews

New-DatabaseReleaseArtifact



Customizes a build artifact for a specific target database, creating a release artifact that can be deployed to a target database, and which also contains reports of the changes that deploying the release will make to the target database and static code analysis of those changes.

Export-DatabaseReleaseArtifact



A release artifact can be inspected as well as applied to the target. It can be converted for inspection with the Export-DatabaseReleaseArtifact cmdlet.

Each target database has its own release artefact because an IReleaseArtifact contains synchronization scripts customised for the existing version of the database, that preserve the existing data,

Use-DatabaseReleaseArtifact

ReportHtml



A target database is a test, staging or production database in a continuous deployment pipeline. Each target can be converted to the version represented by the release via its release artifact