

Pams.Database

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Kind: Module

Source: Pams/PamsDatabase/./Database/Pams.Database/Pams.Database.sqlproj (line 1)

Part of: [Pams](#)

.NET project in solution

`Pams.Database` is a SQL Server database project within the Pams solution. It defines the database schema and produces a deployable database artifact that can be published to a target SQL Server instance.

Diagram

```
graph TD
    Solution[Pams solution] --> DatabaseProject[Pams.Database SQL project]
    DatabaseProject --> Build[Build database artifact]
    Build --> Dacpac[DACPAC package]
    Dacpac --> Publish[SqlPackage publish]
    Publish --> SqlServer[Target SQL Server database]
```

Usage

```
import { execFileSync } from "node:child_process";

function publishDatabase(
    dacpacPath: string,
    connectionString: string,
): void {
    execFileSync(
        "SqlPackage",
        [
            "/Action:Publish",
            `/SourceFile:${dacpacPath}`,
            `/TargetConnectionString:${connectionString}`,
        ],
    );
}
```

```

    },
    { stdio: "inherit" },
  );
}

publishDatabase(
  process.env.PAMS_DATABASE_DACPAC_PATH!,
  process.env.PAMS_DATABASE_CONNECTION_STRING!,
);

```

AI Coding Instructions

- Treat `Pams.Database` as a SQL Server database project, not a runtime .NET library.
- Make schema changes through project SQL files so they are included in the generated database artifact.
- Publish the built database artifact with `SqlPackage` ; do not apply untracked schema changes directly to target environments.
- Keep connection strings and deployment credentials in environment variables or deployment configuration, not in SQL project files.

Used by

2 references from 2 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Declared in (2)

- `PamsDatabaseSolution` — `Pams/Database/Pams.Database/PamsDatabaseSolution/PamsDatabaseSolution.sln :1`
- `PamsDatabase` — `Pams/PamsDatabase/PamsDatabase.sln :1`