

System.Data.DataSetExtensions

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Kind: Service

Source: Pams/Core/Pams.Security/Pams.Security.csproj (line 1)

Part of: Pams

NuGet package dependency

`System.Data.DataSetExtensions` is a NuGet package dependency declared by the `Pams.Security` project. It supplies extension methods for working with ADO.NET `DataSet`, `DataTable`, and related data objects used by legacy .NET data access code.

Diagram

```
sequenceDiagram
    participant Build as Pams.Security Build
    participant Project as Pams.Security.csproj
    participant NuGet as NuGet Restore
    participant Package as System.Data.DataSetExtensions
    participant Runtime as Pams.Security Runtime

    Build->>Project: Read package dependency
    Project->>NuGet: Request package restore
    NuGet->>Package: Resolve package assets
    Package-->>NuGet: Return assembly reference
    NuGet-->>Build: Add reference to build
    Build->>Runtime: Load referenced assembly
```

Usage

```
import { readFileSync } from "node:fs";

const projectFile = "Pams/Core/Pams.Security/Pams.Security.csproj";
const projectXml = readFileSync(projectFile, "utf8");
```

```
const hasDataSetExtensions =  
  projectXml.includes('Include="System.Data.DataSetExtensions"');  
  
if (!hasDataSetExtensions) {  
  throw new Error(  
    "System.Data.DataSetExtensions package reference is missing from Pams.Security.csproj",  
  );  
}  
  
console.log("System.Data.DataSetExtensions dependency is configured.");
```

AI Coding Instructions

- Keep the `System.Data.DataSetExtensions` package reference in `Pams.Security.csproj` when code depends on `DataSet` or `DataTable` extension methods.
- Restore NuGet packages after changing the project file so the referenced assembly is available during build.
- Check existing data-access code before removing this dependency; legacy code may call extension methods supplied by the package.
- Keep package dependency changes scoped to the project file and verify affected .NET builds.