

System.Windows.Forms

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System.Windows.Forms

Kind: Service

Source: Pams/HelperTool/HelperTool.csproj (line 1)

Part of: Pams

NuGet package dependency

System.Windows.Forms is declared as a NuGet package dependency in Pams/HelperTool/HelperTool.csproj . It supplies Windows Forms APIs that HelperTool can use for desktop UI controls, forms, and event handling.

Diagram

```
sequenceDiagram
    participant Developer
    participant Project as HelperTool.csproj
    participant Restore as NuGet Restore
    participant Forms as System.Windows.Forms
    participant App as HelperTool

    Developer->>Project: Build HelperTool
    Project->>Restore: Resolve package dependency
    Restore->>Forms: Download or load package
    Forms->>App: Expose Windows Forms APIs
    App->>Developer: Run desktop UI
```

Usage

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

const projectPath = "Pams/HelperTool/HelperTool.csproj";
const projectFile = readFileSync(projectPath, "utf8");
```

```
if (!projectFile.includes("System.Windows.Forms")) {  
    throw new Error("System.Windows.Forms dependency is not declared.");  
}  
  
execFileSync("dotnet", ["build", projectPath], {  
    stdio: "inherit",  
});
```

AI Coding Instructions

- Keep the `System.Windows.Forms` dependency declaration in `Pams/HelperTool/HelperTool.csproj` aligned with the project target framework.
- Restore NuGet packages before building or running HelperTool.
- Use Windows Forms controls and events from the dependency rather than adding duplicate UI abstractions.
- Avoid removing the dependency while HelperTool code still references Windows Forms namespaces.

Used by

1 reference from 1 file. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Injected or called by (1)

- `HelperTool` — `Pams/HelperTool/HelperTool.csproj :1`