

System

August 17, 2026

System

Kind: Service

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

Part of: Pams

NuGet package dependency

`System` is the PAMS Core project definition in `Pams.Core.csproj`. It declares NuGet package dependencies and build metadata required to restore, compile, and reference the PAMS Core library.

Diagram

```
sequenceDiagram
    participant Developer
    participant Project as Pams.Core.csproj
    participant NuGet
    participant Core as Pams.Core

    Developer->>Project: Run package restore or build
    Project->>NuGet: Request declared package dependencies
    NuGet-->>Project: Return restored packages
    Project->>Core: Compile with restored references
    Core-->>Developer: Produce library output
```

Usage

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

const projectFile = "Pams/Core/Pams.Core/Pams.Core.csproj";

execFileSync("dotnet", ["restore", projectFile], {
  stdio: "inherit",
});
```

```
execFileSync("dotnet", ["build", projectFile], {  
  stdio: "inherit",  
});
```

AI Coding Instructions

- Keep NuGet package references and build settings in `Pams.Core.csproj` .
- Run `dotnet restore` after changing package dependency declarations.
- Preserve the existing project-file format when editing package references.
- Check dependent projects after changing package versions or project metadata.