

Microsoft.CSharp

August 18, 2026

Microsoft.CSharp

Kind: Service

Source: Pams/Logic/Pams.Business/Pams.Business.csproj (line 1)

Part of: Pams

NuGet package dependency

Microsoft.CSharp is a NuGet package dependency declared by the legacy-format Pams.Business.csproj project. It supplies C# runtime binder support for code in Pams.Business that uses dynamic C# operations.

Diagram

flowchart LR

```
Project[Pams.Business.csproj] --> Package[Microsoft.CSharp package]
Package --> Binder[C# runtime binder]
Binder --> DynamicCode[Dynamic C# operations]
```

Usage

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

const projectFile = "Pams/Logic/Pams.Business/Pams.Business.csproj";
const projectXml = readFileSync(projectFile, "utf8");

const hasMicrosoftCSharp = projectXml.includes("Microsoft.CSharp");

if (!hasMicrosoftCSharp) {
  throw new Error("Microsoft.CSharp dependency is missing from Pams.Business.csproj");
}

console.log("Microsoft.CSharp dependency is declared.");
```

AI Coding Instructions

- Keep `Microsoft.CSharp` declared in `Pams.Business.csproj` when code depends on dynamic C# binding behavior.
- Treat this dependency as project-level configuration rather than an application service with a runtime endpoint.
- Check the legacy project file format before changing package references or migrating dependency declarations.
- Avoid removing the package only because no direct namespace import appears in source files; dynamic operations can require the runtime binder.